COMPUTER AIDED MODELING OF SOIL MIX DESIGNS TO PREDICT CHARACTERISTICS AND PROPERTIES OF STABILIZED ROAD BASES

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INTRODUCTION

There is considerable data available for the use of stabilization of soils with pozzolan additives such as lime, cement kiln dust (CKD), and fly ash. While the data exists, there is currently no database available for the Nebraska Department of Roads (NDOR) to store and/or retrieve this data for the prediction of soil properties. The conventional methods used to determine many soil properties can be repetitious, labor intensive, and time consuming (e.g. maximum laboratory density, optimum moisture content, percent pozzolan additive, optimum compressive strength, and modified plasticity index).

Purpose

The purpose of this research was to develop a computerized model to predict soil properties stabilized using additives such as lime, CKD, and flyash. Properties were based on specified soils using the Nebraska Group Index (NGI). The model is able to predict the maximum laboratory density and optimum moisture content for native soils. It will also predict the soil properties of NGI soils stabilized with pozzolan additives, including maximum laboratory density, optimum moisture content, unconfined compressive strength, and modified plasticity index. A review of the literature demonstrated that is it is very possible to create a soil prediction model through specialized software applications like artificial neural networks (ANN). The research Team and NDOR elected to use Microsoft Excel 2007 to create the model due to ease of use and the commonality of the program within NDOR staff.

LITERATURE REVIEW

The literature review for research of prediction models of soil stabilized properties showed limited information available in this area. Models were found that depicted stabilized soil properties consisting of charts, diagrams, and computer models. Many studies exist showing computer aided modeling of different soil properties using ANNs but no research could be found that implemented Microsoft Excel models or programs.

Prediction Models

Several government agencies have developed manuals for researched soils and properties of stabilized soils. Research established criteria for improving engineering properties of soils used for pavement base structures. In theses manuals, the optimum types of additives were determined for different soil types. Based on soil type, plasticity index, and amount passing the #200 sieve, a recommended additive can be found. The manuals also provide estimated contents for hydrated lime, cement, and bitumen contents [1].

Research efforts developed a soil moisture strength prediction model, not for predicting soil stabilized strengths, but for predicting soil strengths for native soils and providing documentation of the model's ability to determine soil strengths[2]. In one particular study, a model was used to predict soil moisture characteristic from particle size distribution and bulk density data. The study concluded that the overall predictive ability of the model was reasonable[3].

Another study demonstrated how a model was developed to predict the resilient modulus of soils; however, this study was performed only on Ohio native soils and only tested identified problem soils (noted as A-4, A-6, and A-7-6 AASHTO soil types). This model was designed for native soils. Stabilized soils were excluded from laboratory testing. The experimental program used typical key components (i.e. liquid limits, plasticity index, etc.; same used in this NDOR study) and successfully demonstrated how ANNs can be used to predict resilient modulus along with unconfined compressive strength and resilient modulus [4].

Numerous other studies have been completed over the years showing the use of ANNs and their application. Since the early 1990's, ANNs have been effectively used in almost every

aspect of geotechnical engineering. The documentation from ANNs illustrate its use for the prediction of axial and lateral load capacities in uplift of pile foundations and compression [5-17], ground anchors [15,18-21] and drilled shafts[22]. Many researchers have deemed this type of computerized modeling reliable and practical alternative for determining constitutive monotonic and hysteretic behavior of geomaterials [23-46].

ANN's applications have been used in the development of estimating several soil properties such as: soil density[47], soil classification[48], pre-consolidation pressure[49], compaction, permeability[47,50-55], shear strength , stress history[54-57], and swell pressure [58-59]. The same concepts have been applied to settlement prediction of shallow foundations on cohesionless soils by researchers[18-20,60-66].

Estimating the bearing capacity of shallow foundations was also investigated using ANNs [67-68]. Other geotechnical applications include; tunnels and underground openings [69-77], geoenvironmental engineering [78], site characterization [75,79-86] rock mechanics [87], retaining walls [88-89], blasting [90], mining [91-92], and dams [93].

It was observed that the neural network successfully modeled the pile load capacity [9-10] while predicting ultimate bearing capacity of piles. Predicted values from the software matched the measured values better than that calculated by Meyerhof's equation [13]. Additionally, research found three ANN computerized models predicting capacity of driven piles in cohesionless soils. Results showed high coefficients of determination (0.95) for all data in computer model, while other methods only had coefficients of determinations between 0.52 and 0.63 [5].

In related research, ANNs were developed to predict the settlement in shallow foundations. While traditional methods overestimated the settlement by two to three times, the computer predictions appeared to be extremely accurate [66]. In a separate but similar study, researchers developed a computerized model to predict soil properties and behavior between relative density and cone penetration test. The model was found to have high coefficients of correlation 0.97 and 0.91 for training and testing data, which indicated the ANN had successfully modeled the non-linear relationships [10,94]. When an ANN was used in the determination of liquefaction (phenomenon that loose and saturated sands caused by earthquakes) it was found to have a 94% success rate [95]. Application of a similar type computer model was developed to estimate maximum wall deflections for braced excavation in soft clays. The results from this study produced coefficients of correlation of 0.984 and 0.967 and additional testing (from actual

cases) confirmed the performance of the trained ANN model [88]. When an ANN was used for slope stability, several hypothetical slopes were evaluated by analytical and ANN models. The results were in favorable agreement when compared to the analytical model [76].

ANNs have also been used in several other areas in heavy highway construction. Research of a computerized system was developed for predicting earthmoving production and demonstrated its use in predicting earthmoving operations [96]. Documented uses of ANNs for the use of concrete mix designs were tested. Results determined the designs were within acceptable ranges, thus validating the use of computerized modeling [97]. Research involving use of ANN for construction cost estimation [98], estimating construction productivity [99], and modeling construction management [100] has shown success. Other research has focused on the use of ANNs for backcalculation of layer moduli obtaining data from a falling weight deflectometer. They found the ANNs to be successful in determining layer moduli further providing pavement engineers and designers the ability to rapidly analyze huge numbers of pavement deflections [101].

UNL researchers found only one study similar to one contained within this report. This particular study utilized a model to predict the maximum dry density (MDD) and optimum moisture content (OMC) of stabilized soil. To the best of the researchers' knowledge, this was the first time radial basis function (RBF) neural networks were used to predict MDD and OMC.

The literature demonstrates that the use of a computerized prediction model would avoid extensive and cumbersome laboratory testing [102]. Although there is limited information on computer aided models for the prediction of stabilized soils, the information found demonstrates the ability of computer programs (e.g. ANNs) to model different soil properties. NDOR and the research team chose to utilize Microsoft Excel 2007 this research project. Excel has the internal software needed to statically analyze data while being user friendly. This software is readily available to NDOR. It is commonly used by their staff and server operations. Changes to the develop software program could be easily accomplished by their current technology support personnel.

Research Objectives

Primary objectives expected from this research study:

- Allow designers, contractors, and managers to develop a better understanding of soil types

and characteristics for designing, bidding and constructing purposes.

- Provide accurate soil property predictions with considerably less resources than required when completing soil test procedures
- Decrease project delay time by providing designers with the ability to predict soil properties as soils change throughout construction process.
- Provide better compaction confidence given the ability to predict soil properties on demand with multiple soil types on projects.
- Establish a soils database with stabilized soil properties.

Implementation

The Nebraska Group Index (NGI) is the basis for the soil classification system used in the model. If the NGI is unknown and the native soil properties are entered, the NGI can be determined. The model was originally developed as a prototype functioning with limited data collected from previous research performed for the NDOR. It allows the user to input raw data to build the database. Once inside "view/modify" database mode, the user is able to insert, edit, or delete data. The software also allows the user to enter the "design mode". In this mode the user picks from options such as type and percent of pozzolan additive, liquid limit (LL), plasticity index (PI), and percent minus #200 of native soil. The model then predicts results for design specifications based upon NDOR guidelines. The user is allowed to choose a specific pozzolan percentage from within a range. Results from the design mode include

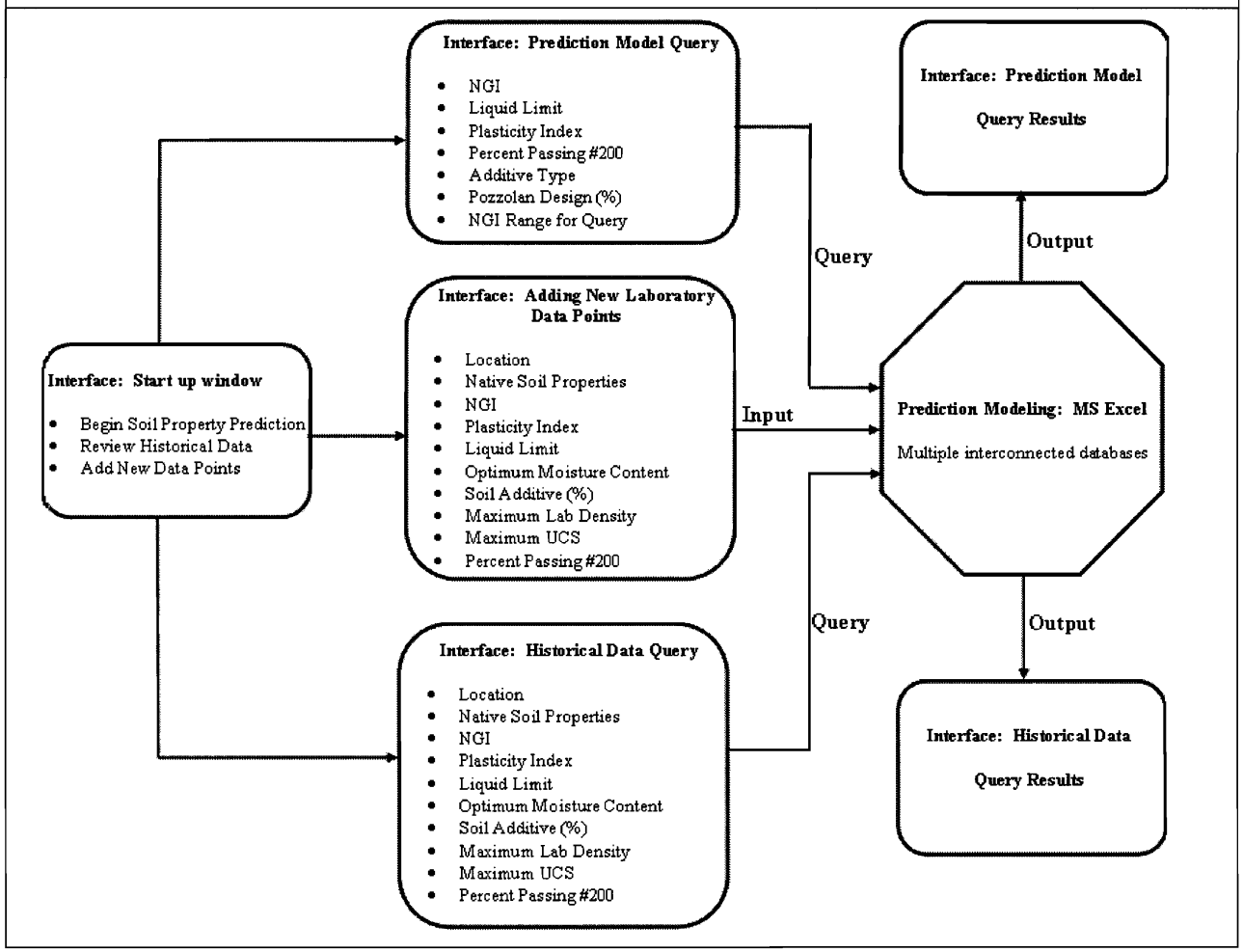
- NGI,
- maximum laboratory density (MLD),
- optimum moisture content (OMC),
- unconfined compressive strength (UCS),
- plasticity index (PI),
- r-squared value, and
- number of samples used in the prediction of the modified soil.

The user may also select the "native option" inside this same mode, which provides native soil properties for maximum laboratory density, optimum moisture content, and number of samples used in the prediction.

METHODOLGY

This section contains a description of methods used in this study. The data used for creating and testing the prediction model was retrieved from a previous NDOR project. Figure 1 shows the flow chart for the prediction model.

Figure 1: Flow chart of the analytical process



Native Properties

The native soil properties were averaged to predict MLD and OMC. The six native soil properties utilized in the historical database are NGI, LL, PI, percent passing #200 sieve, MLD, and MLD OMC.

Modified Properties

Additive type, Additive percent, MLD, MLD OMC, maximum UCS, UCS OMC, and PI are the modified properties used in the historical database. The modified properties for flyash and CKD were statistically analyzed with the following equation.

$$y = (c2 * x^2) + (c1 * x) + b$$

Whereas

c2 = Index(Linest(y, x^{1,2},1)

c1 = Index(Linest(y, x^{1,2},1,2)

b = Index(Linest(y, x^{1,2},1,3)

This equation is used so data such as MLD vs. percent additive will create a statistical trendline thus making it possible to predict properties from a given percent of additive. The model works with different soil types that are established by the NDOR developed NGI group. The LL, PI, and percent passing #200 entries will be used in calculating NGI and shown on the output screen. When the soil data is entered into the model it searches the database for only that NGI soil type. The NGI is calculated from equations that were derived from the Nebraska Group Index Charts. It then statistically develops a trendline for that same soil type using additive and percentages associated with that NGI. Once the equation for the line is determined, modified properties can be predicted for the percent of additive required to meet NDOR criteria.

Soil that has been modified with lime will be displayed showing only one lime percentage which corresponds to the percentage determined by the Eades and Grim test. This test uses pH to estimate the optimal lime proportion required for soil stabilization. CKD and flyash additives are evaluated at three commonly used percentages each (5, 7, and 9 percent for CKD and 10, 13, and

15 percent for flyash). For lime a single concentration is used to calculate MLD, MLD OMC, maximum UCS, UCS OMC, and PI. Consequently, the only method to predict properties for lime modified soil is by averaging data.

CONCLUSION

The soil prediction model for stabilized road bases was successfully developed as a prototype functioning with limited data. Once researchers completed testing, all test data was removed from the software. It now returns with a "no data" error until loaded with actual laboratory date. Once filled, it will predict the maximum laboratory density and optimum moisture content of native soils. Additionally, the model will determine a maximum laboratory density, optimum moisture content, unconfined compressive strength, and plasticity index of specified pozzolan percentages for soil stabilization using lime, flyash, and CKD. Native and stabilized soils will have 14 data points obtained for each Nebraska Group Index (NGI). These key inputs will include: highway, mile marker, soil type (NGI), liquid limit, plasticity index, percent passing the #200 sieve, maximum lab density (native), optimum moisture content (native), percent pozzolan additive, maximum lab density (modified), optimum moisture content (modified), maximum unconfined compressive strength, plasticity index (modified), and year.

The prediction model operates using Microsoft Excel and Visual Basic Applications (VBA). The use of these particular computer applications is important because of the statistical analysis they provide while making the overall program simple to operate. The system provides NDOR with an almost unlimited database. It is set up so field and office personel can enter laboratory stabilized soil properties into the database. Once the database is filled, the software can be used to predict properties of pozzolan modified soils and specified percentages of pozzolan needed to stabilize road bases. Appendix A contains a Manual with screens shots depicting the operation of the prediction model. It also shows the interface design and output screens. Appendix B is an archive of the algorithms and macro codes used in the development of this software.

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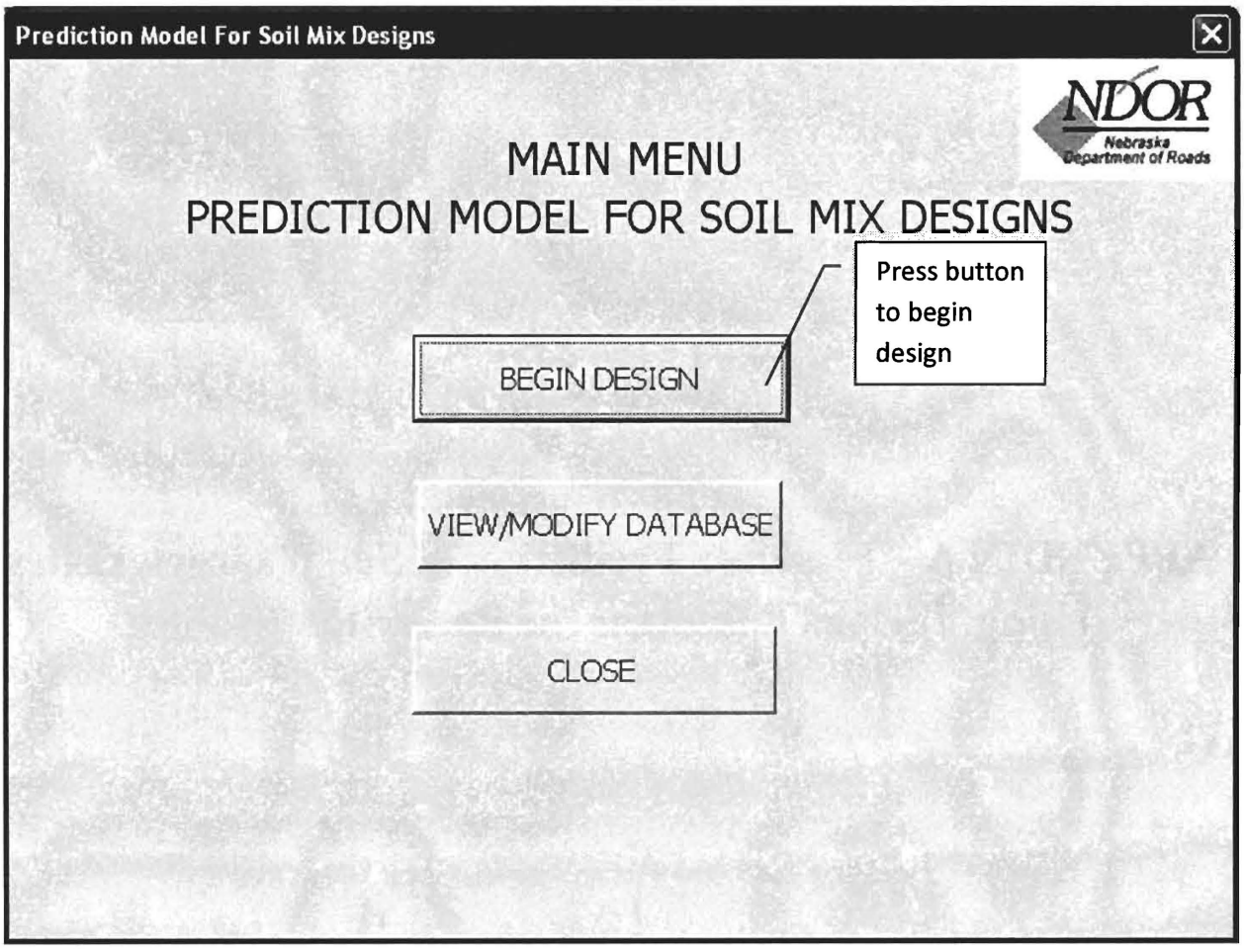
APPENDIX A – Manual: Prediction of Soil Characteristics Using Various Pozzolans for Road Stabilization

MAIN MENU - DESIGN

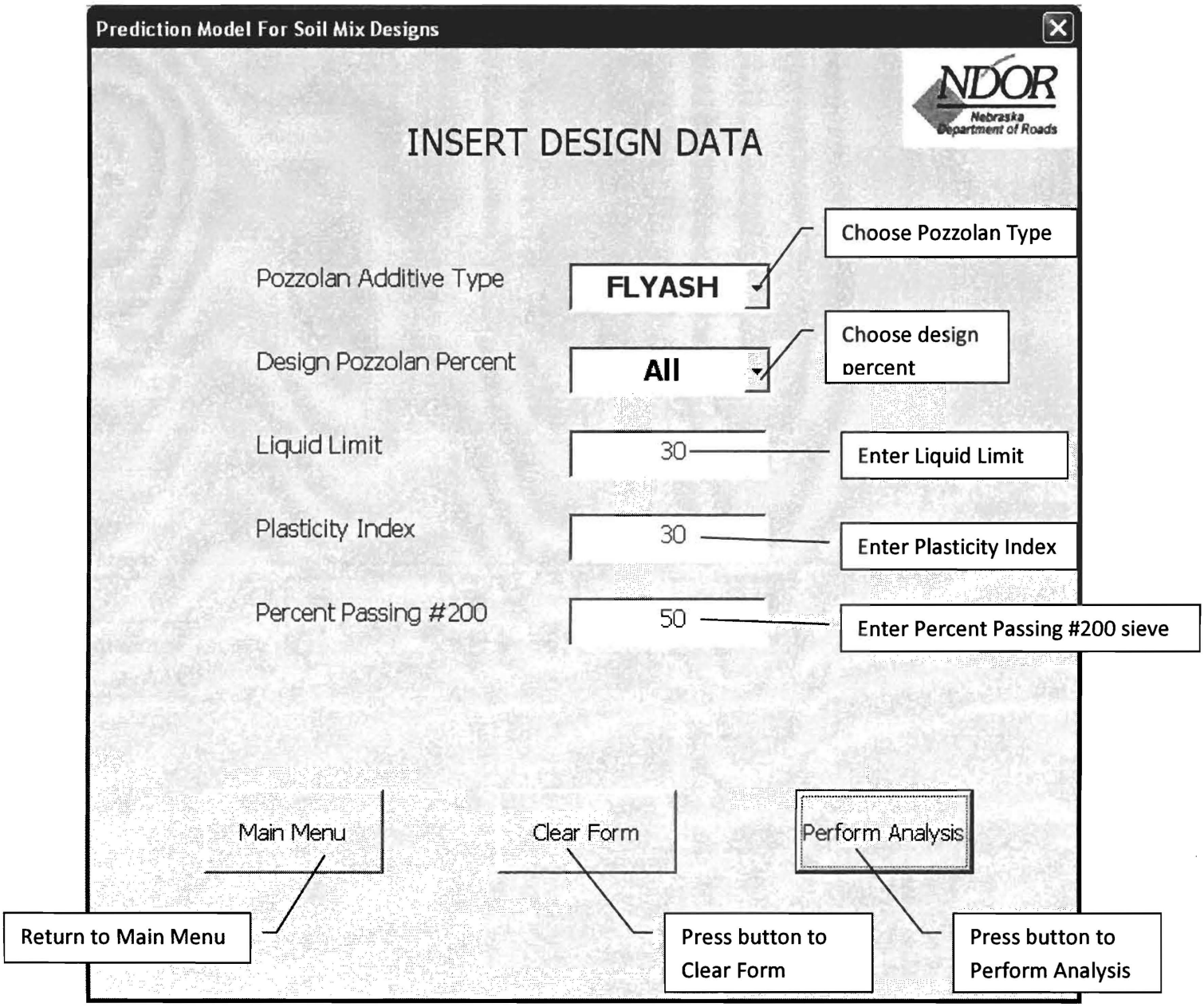
Main Menu to start design model or view/modify database



DESIGN

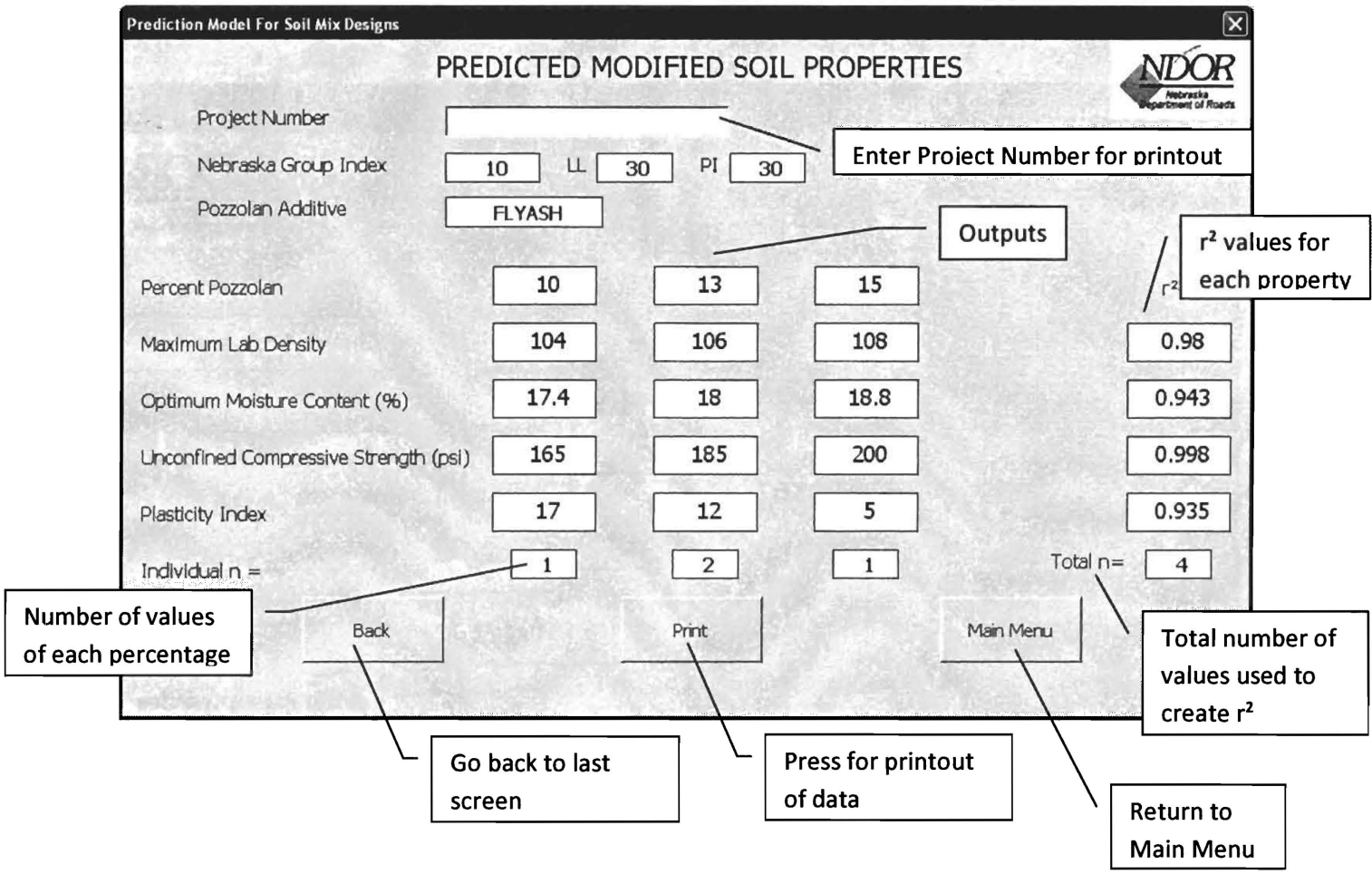
Inserting data into design fields:

Example – Flyash for all Design Pozzolan Percentages

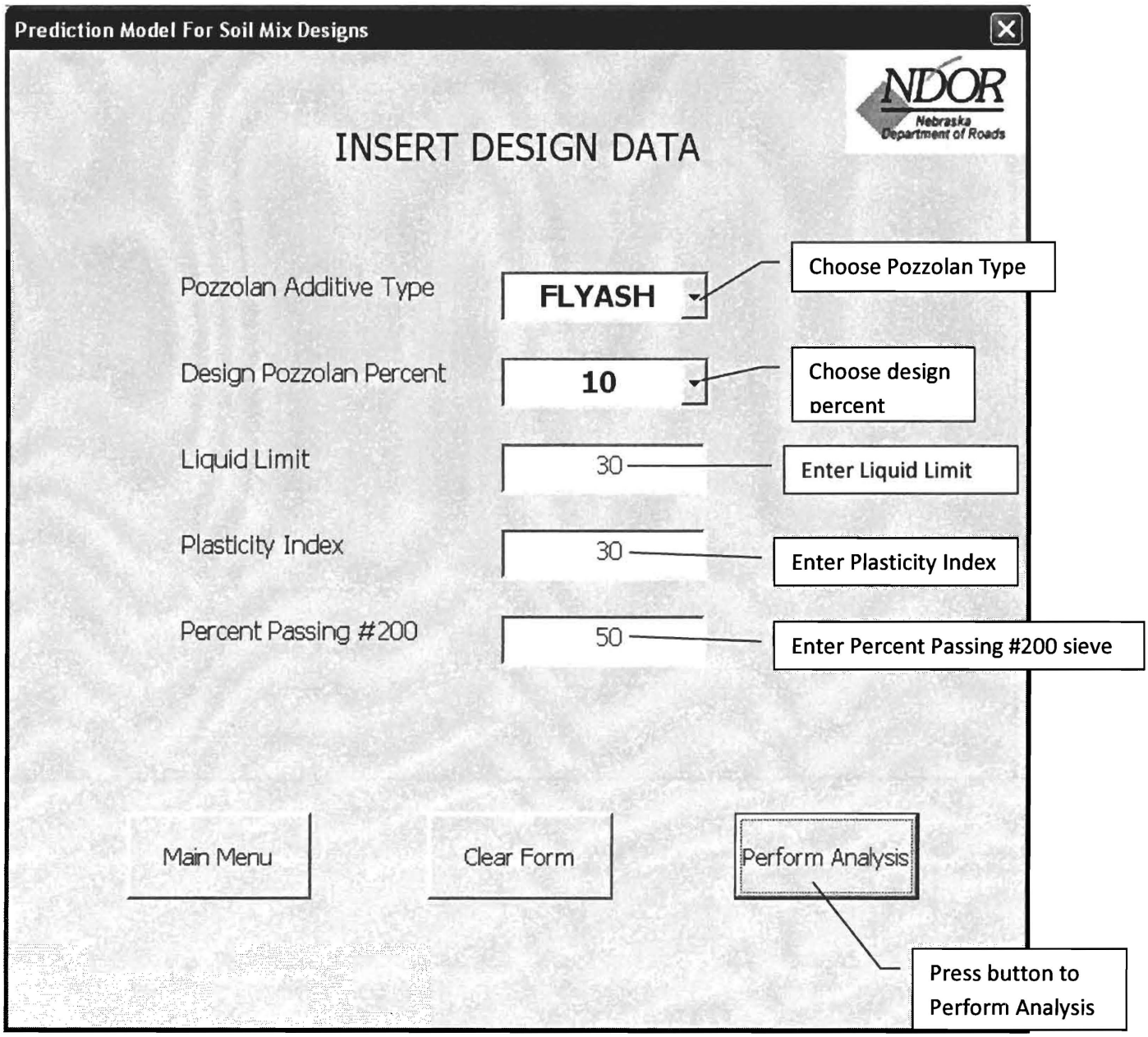


Output is Predicted Modified Soil Properties for Flyash

Example of 10, 13, and 15%



Choosing single pozzolan percentage. Example: Flyash @ 10%



Output is Predicted Modified Soil Properties. Example: Flyash @10%

Prediction Model For Soil Mix Designs

PREDICTED MODIFIED SOIL PROPERTIES

NDOR Nebraska Department of Roads

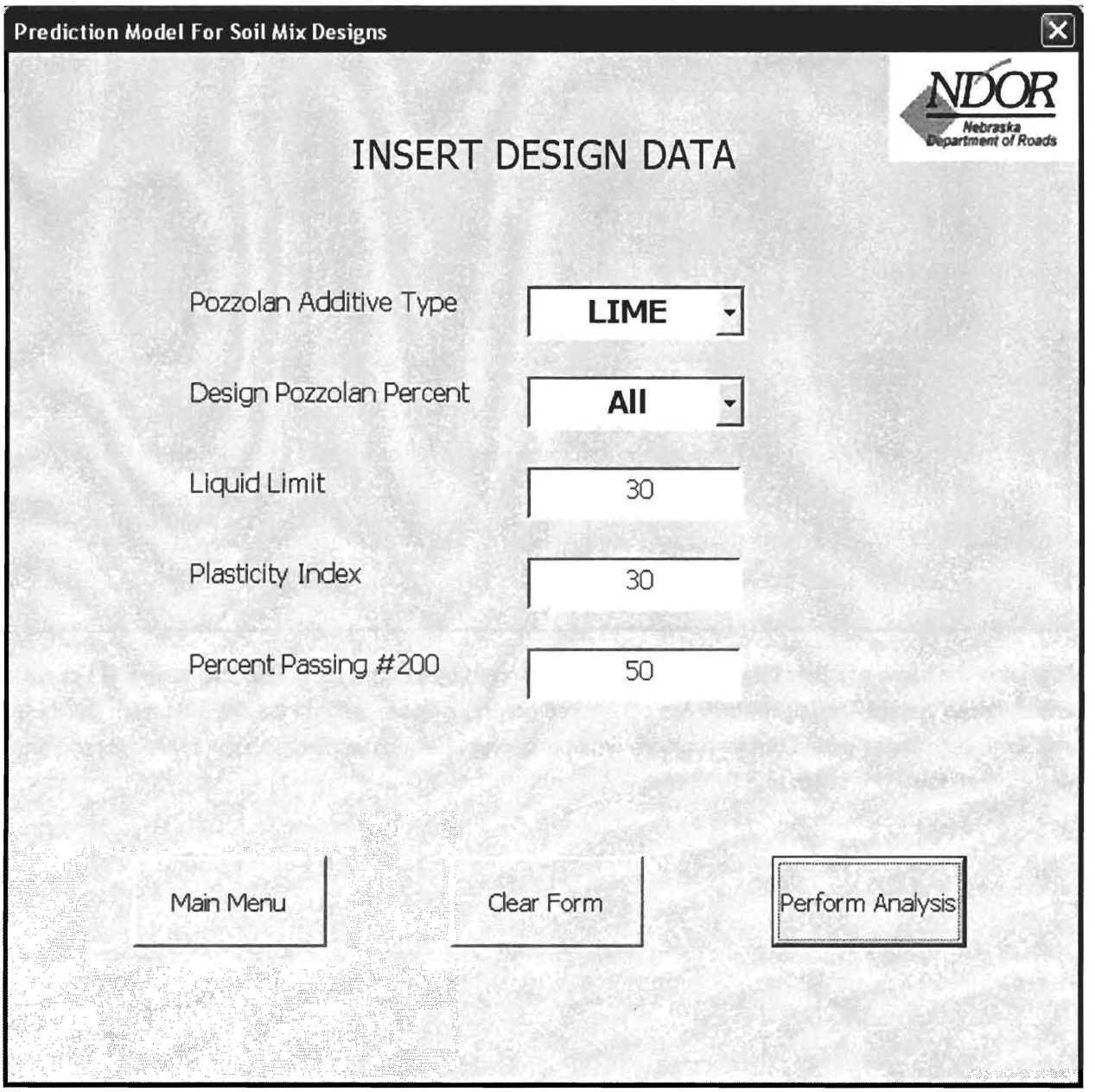
Project Number					
Nebraska Group Index	10	LL	30	PI	30
Pozzolan Additive	FLYASH				

		r^2
Percent Pozzolan	10	
Maximum Lab Density (PCF)	104	0.98
Unconfined Compressive Strength (psi)	165	0.998
Optimum Moisture Content (%)	17.4	0.943
Plasticity Index	17	0.935
Individual n =	1	Total n = 4

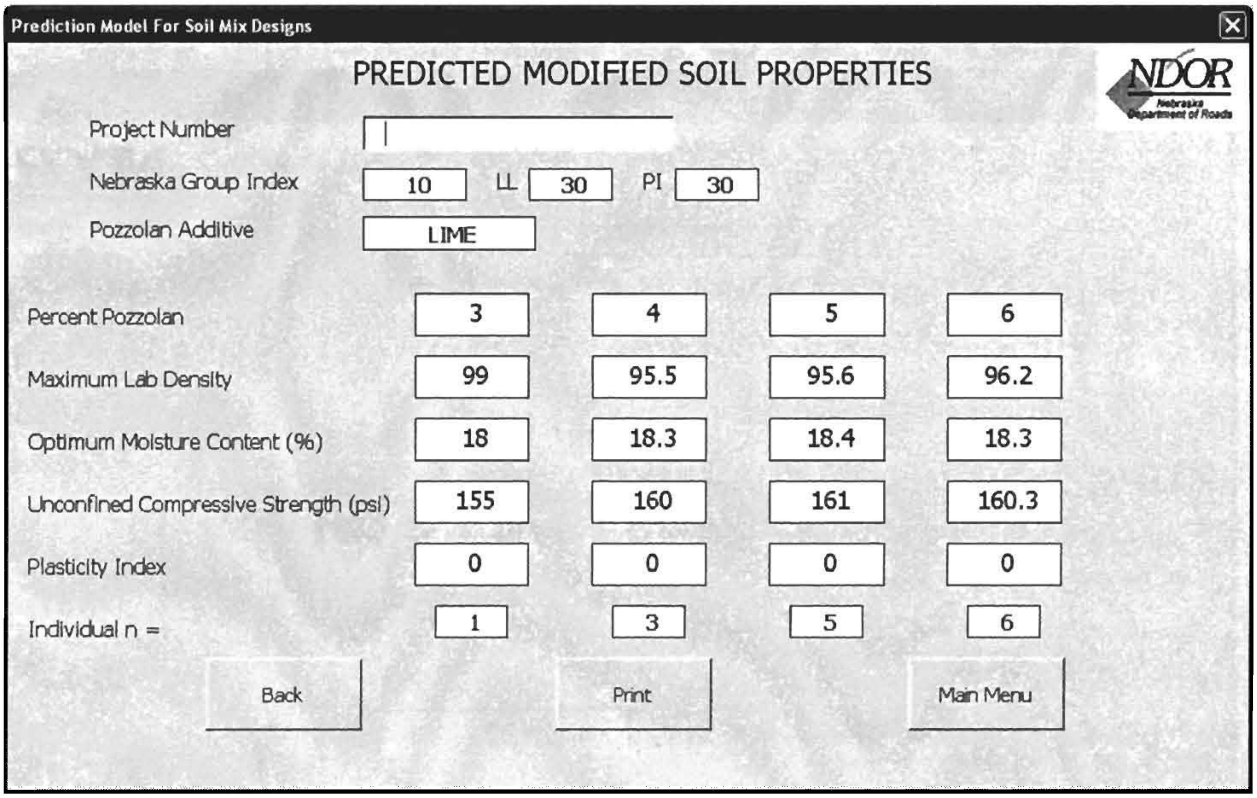
Back | Print | Main Menu

Inserting data into design fields:

Example – Lime with all percentages



Output is Predicted Lime Soil Properties.



Prediction Model For Soil Mix Designs

PREDICTED MODIFIED SOIL PROPERTIES

Project Number

Nebraska Group Index 10 LL 30 PI 30

Pozzolan Additive LIME

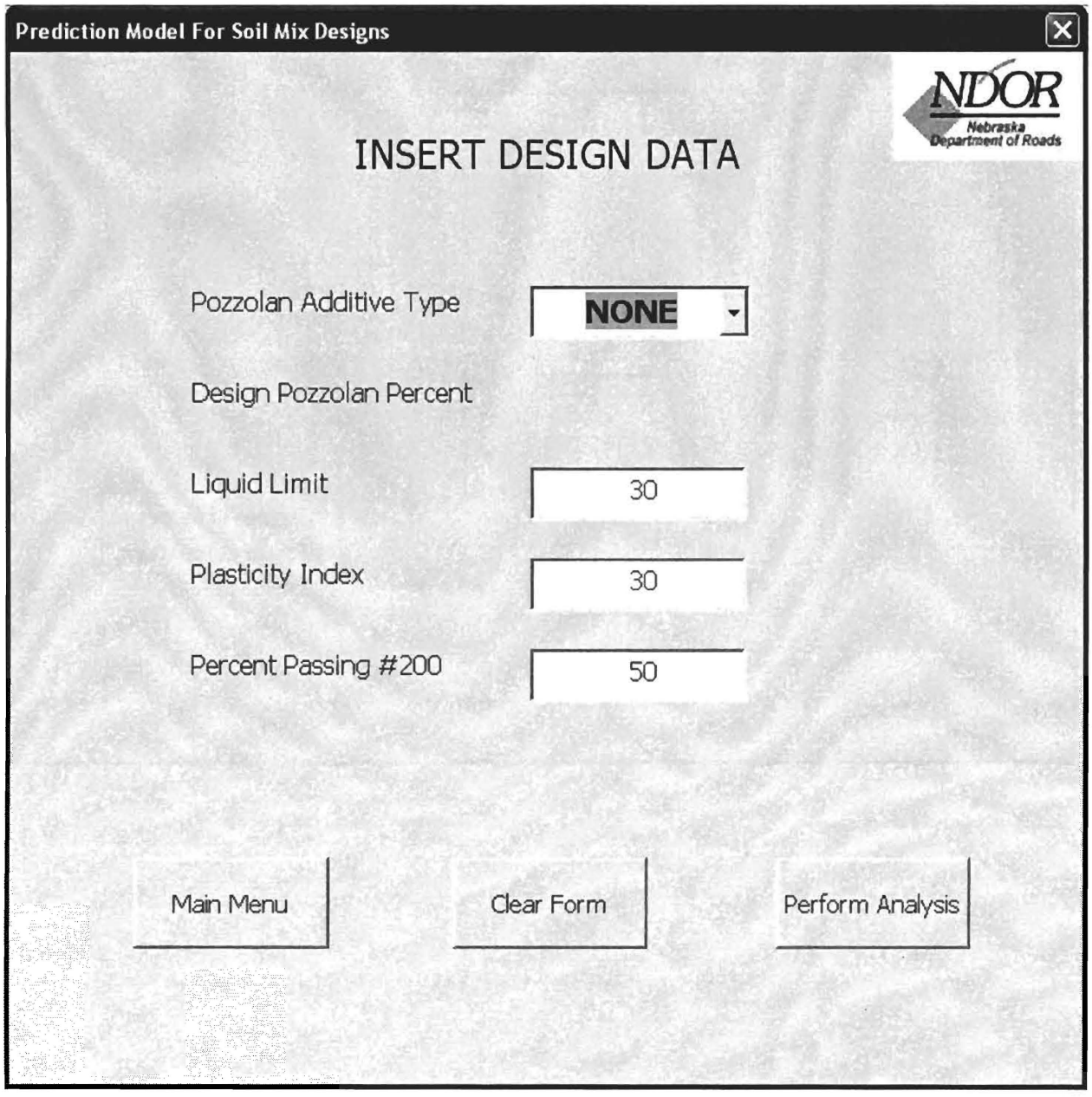
Percent Pozzolan	3	4	5	6
Maximum Lab Density	99	95.5	95.6	96.2
Optimum Moisture Content (%)	18	18.3	18.4	18.3
Unconfined Compressive Strength (psi)	155	160	161	160.3
Plasticity Index	0	0	0	0
Individual n =	1	3	5	6

Back Print Main Menu

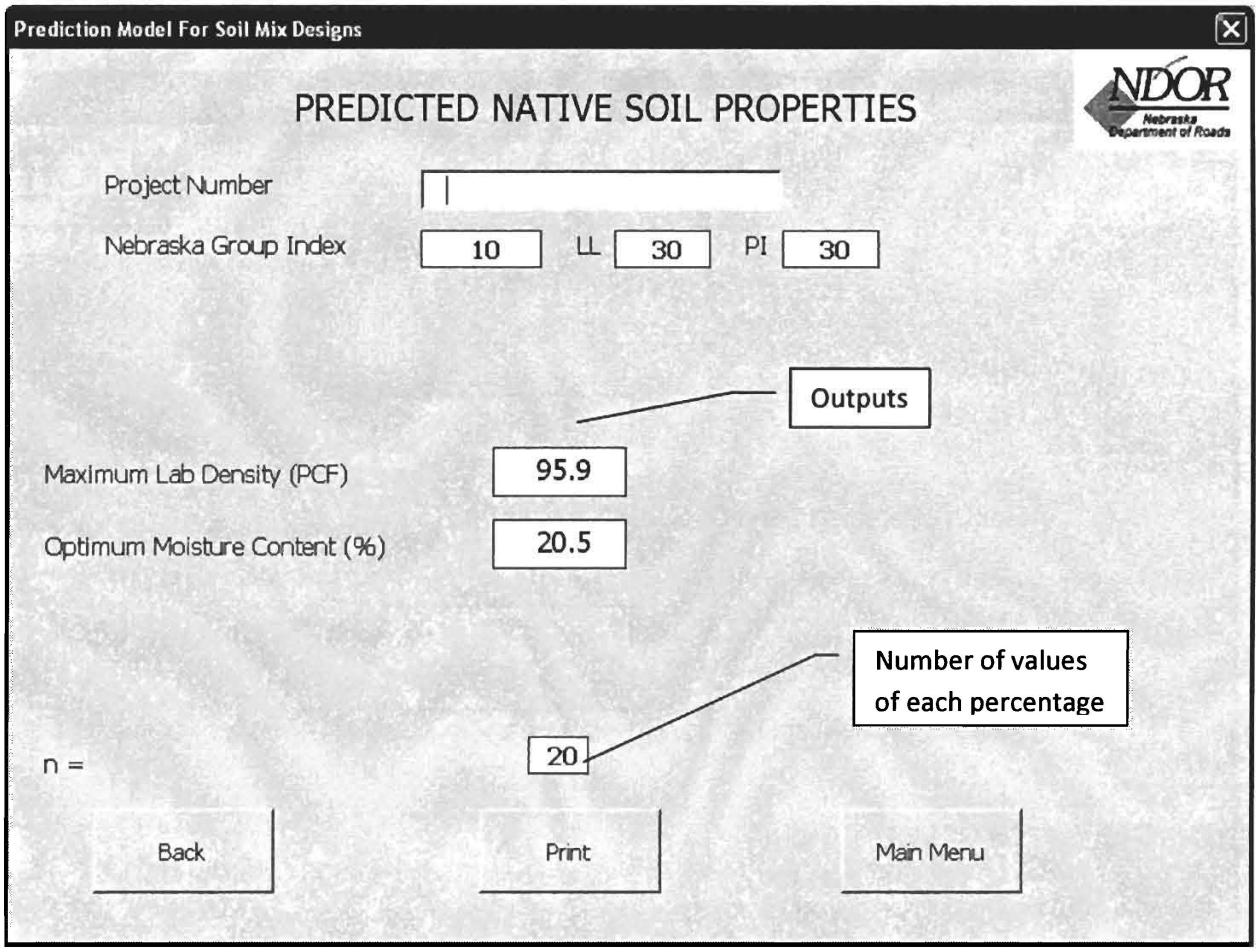
Format is the same as other forms except, it shows percentages of 3, 4, 5, and 6. This form will not have any r^2 values because soil properties are performed on only one percentage determined from the Eades and Grim test. There would not be multiple lime percentages evaluated for each soil type, only the one determined form the Eades and Grim test

Inserting data into design fields:

Example – Native Soil (no pozzolan)

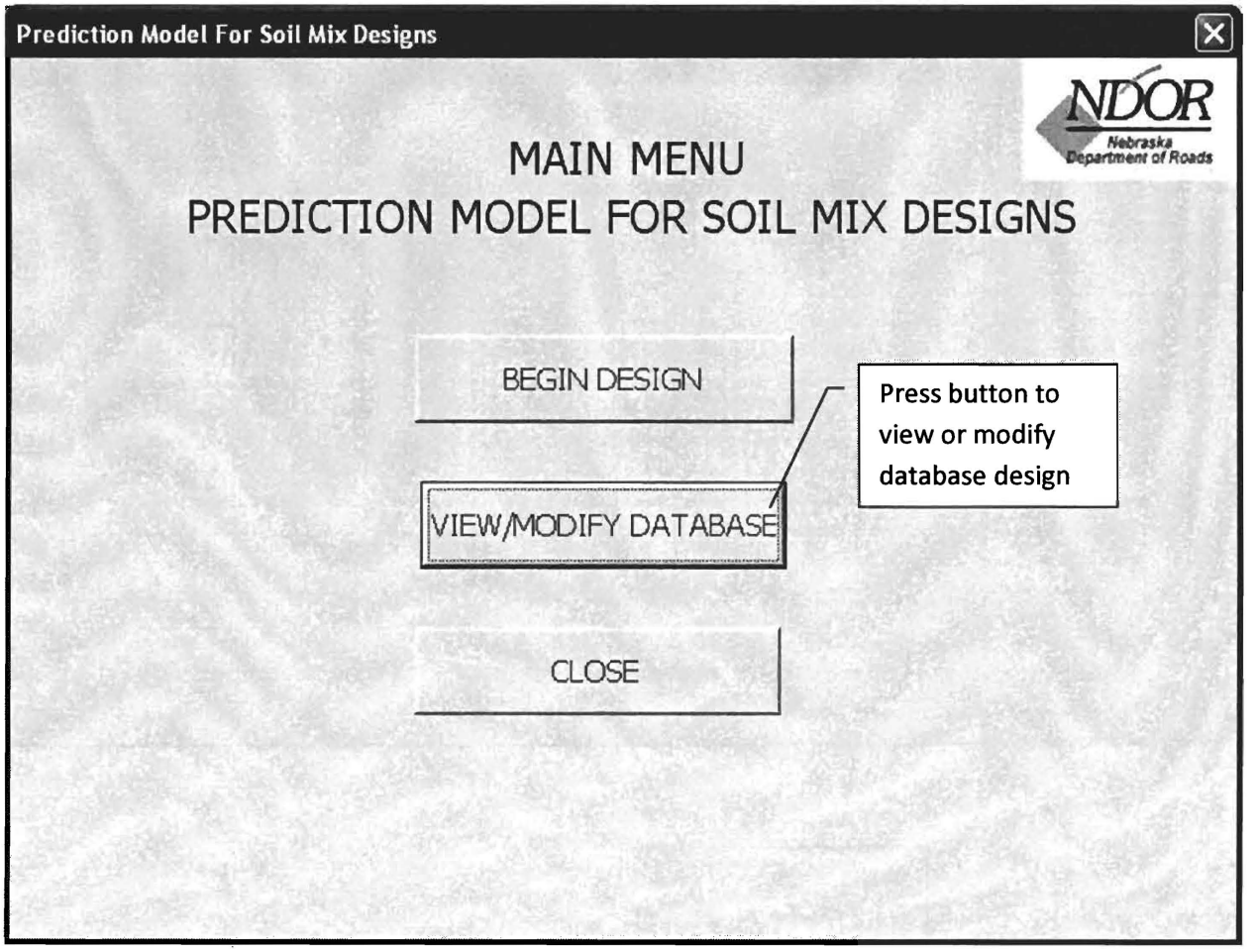


Output is Predicted Native Soil Properties.



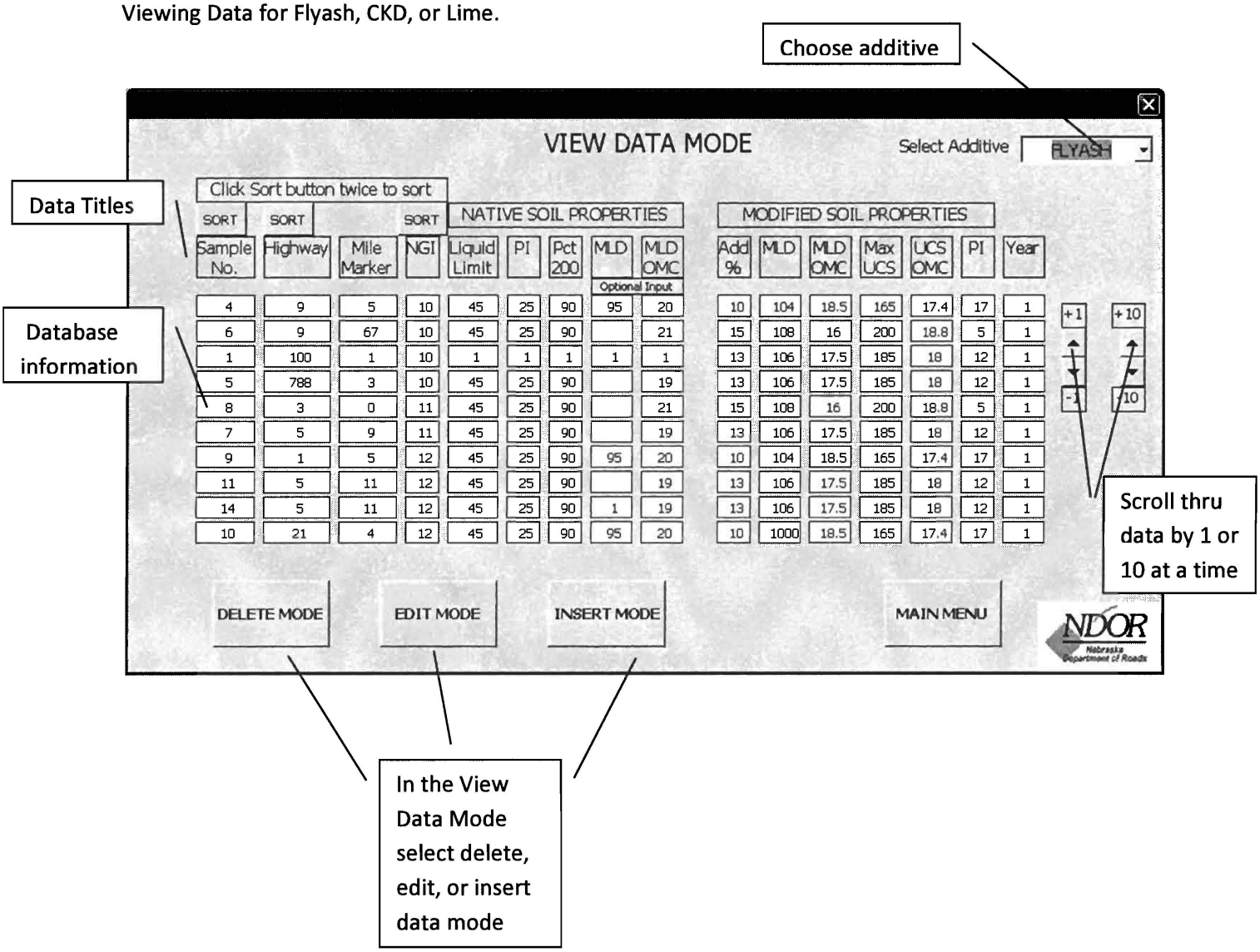
MAIN MENU – VIEW/MODIFY DATABASE

Main Menu screen: Select View/Modify Database Option.



VIEW DATA

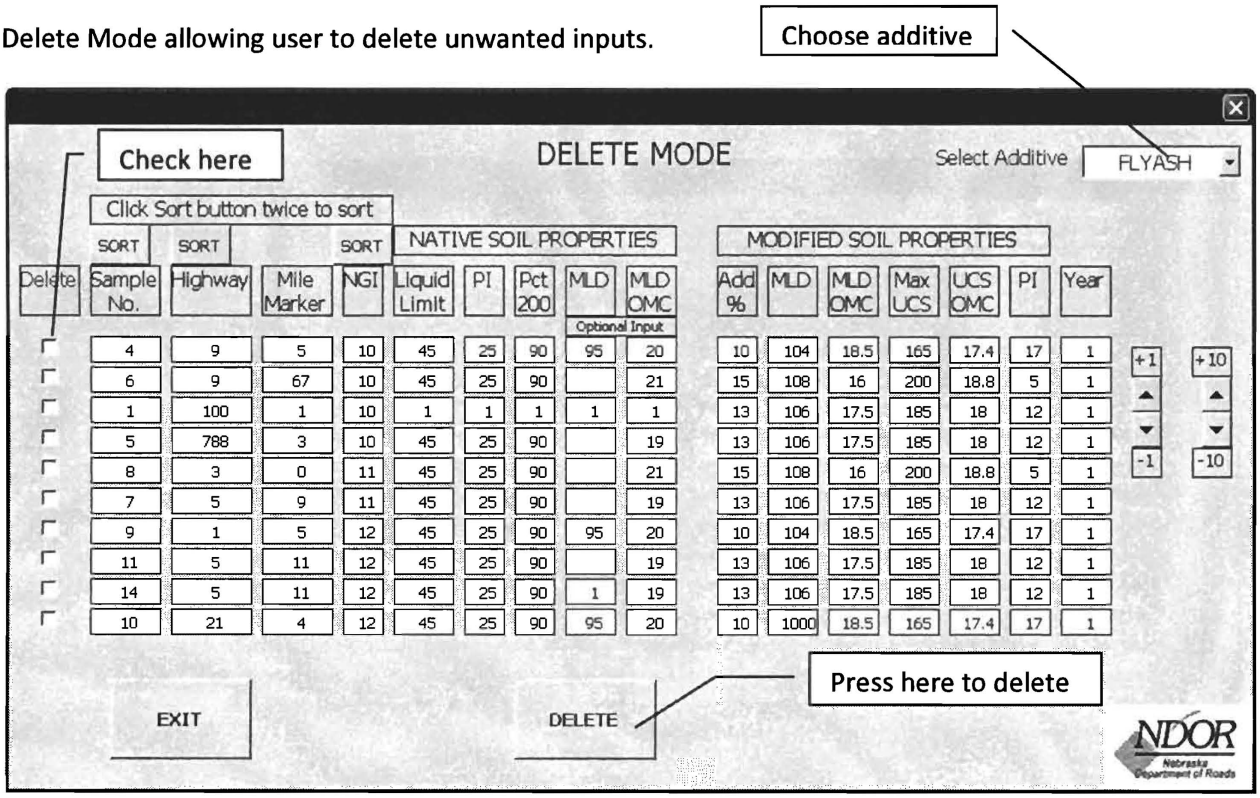
Viewing Data for Flyash, CKD, or Lime.



Sample No.	Highway	Mile Marker	NGI	Liquid Limit	PI	Pct 200	MLD	MLD OMC	Add %	MLD	MLD OMC	Max UCS	UCS OMC	PI	Year
4	9	5	10	45	25	90	95	20	10	104	18.5	165	17.4	17	1
6	9	67	10	45	25	90		21	15	108	16	200	18.8	5	1
1	100	1	10	1	1	1	1	1	13	106	17.5	185	18	12	1
5	788	3	10	45	25	90		19	13	106	17.5	185	18	12	1
8	3	0	11	45	25	90		21	15	108	16	200	18.8	5	1
7	5	9	11	45	25	90		19	13	106	17.5	185	18	12	1
9	1	5	12	45	25	90	95	20	10	104	18.5	165	17.4	17	1
11	5	11	12	45	25	90		19	13	106	17.5	185	18	12	1
14	5	11	12	45	25	90	1	19	13	106	17.5	185	18	12	1
10	21	4	12	45	25	90	95	20	10	1000	18.5	165	17.4	17	1

DELETE MODE

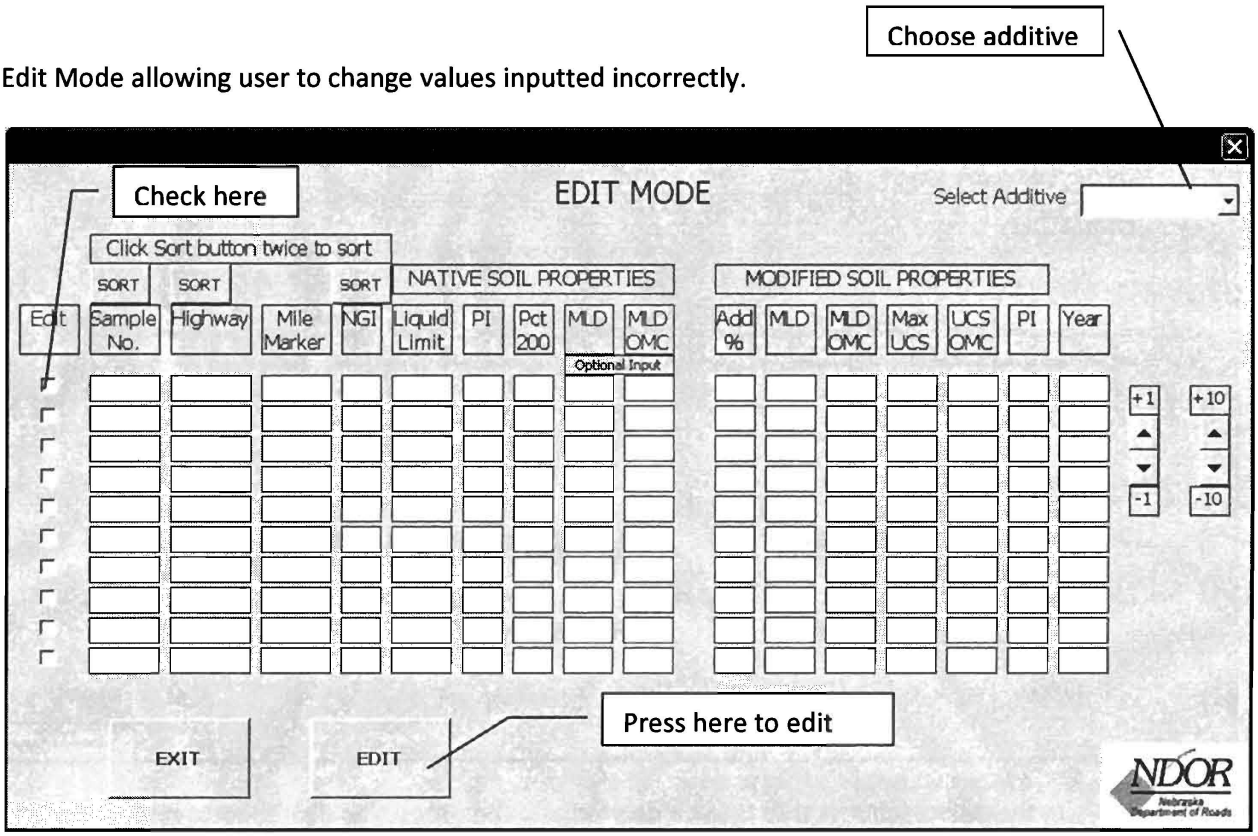
Delete Mode allowing user to delete unwanted inputs.



Check the row in the delete column that is to be deleted and then press the delete button.

EDIT MODE

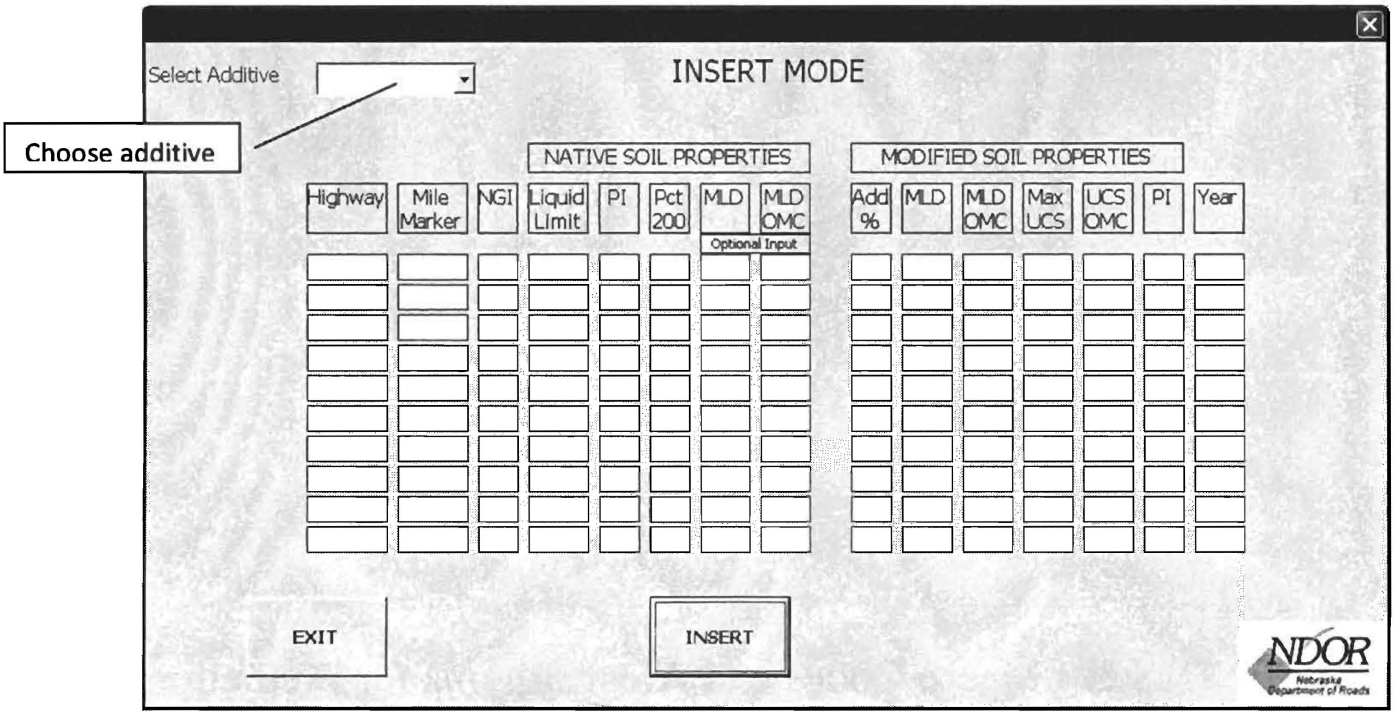
Edit Mode allowing user to change values inputted incorrectly.



Check the row in the edit column that is to be edited and then press the edit button. Then make the changes to individual inputs.

INSERT MODE

Insert Mode used to input data in database to be used for prediction model.



Choose an additive to start the input mode. Then input all required data inputs. Each record must have Highway, Mile Marker, NGI, and Modified Soil Properties to be inserted into database. IMPORTANT: If data does not disappear after clicking insert button, then Highway, Mile Marker, NGI, and Modified Soil Properties data MUST be entered.

APPENDIX B - Macro Codes and Alogorithyms for Prediction Model Software

MAIN MENU

```
Private Sub B1_Click()        'CODE MOVING PROGRAM TO DATA INPUT

    ThisWorkbook.format_datainput
    MainMenu.Hide
    DataInput.Show

End Sub
Private Sub B2_Click()        'CODE MOVING PROGRAM TO VIEW/MODIFY DATABASE
       MainMenu.Hide
       data.FORMATVIEWMODE
       data.CLEARFORM
       data.Show

End Sub
Private Sub B3_Click()        'REMINDER TO SAVE FILE
            prompt = "Save file if data has been added or modified to database"
        status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Message")
MainMenu.Hide
End Sub
```

DESIGN – INPUT DESIGN DATA

```
Private Sub MMDI_Click()        'CODE RETURNS TO MAIN MENU
DataInput.Hide
MainMenu.Show

End Sub
Private Sub CBCFDI_Click()        'CODE CLEARING FORM
ThisWorkbook.format_datainput

End Sub
Private Sub CBDPP_Change()        'CODE FOR DESIGN POZZOLAN PERCENT
    tbdpp.Visible = False
    tbdpp.Text = ""
    If CBDPP.Value = "Other" Then
    tbdpp.Visible = True
    tbdpp.SetFocus
    End If

End Sub
Private Sub CBMMDI_Click()        'CODE RETURNS TO MAIN MENU
DataInput.Hide
MainMenu.Show

End Sub
Private Sub CBPADI_Click()        'CODE PERFORMING ANALYSIS ON INPUTS
 Dim prompt, status
 Dim wks As Worksheet


 If TBLL.Value = "" Then
 prompt = "Missing Liquid Limit"
 status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Missing Data")
 TBLL.SetFocus
 Else
   If TBPI.Value = "" Then
   prompt = "Missing Plasticity Index"
   status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Missing Data")
        TBPI.SetFocus
        Else
   If TBPP.Value = "" Then
   prompt = "Missing Percentage Passing #200"
   status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Missing Data")
            TBPP.SetFocus
            Else
   If CBPAT.Text = "" Then
   prompt = "Missing Pozzolan Additive Type"
   status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Missing Data")
                CBPAT.SetFocus


 Else
   If CBDPP.Text = "" And CBPAT.Text <> "NONE" Then
   prompt = "Missing Desired Pozzolan Percent"
```

```
status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Missing Data")
                CBDPP.SetFocus
                Else
If CBDPP.Text = "Other" And tbdpp.Value = "" Then
prompt = "Missing Desired Pozzolan Percent"
status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Missing Data")
                    tbdpp.SetFocus

            'Sends data to spreadsheet from input form
                      Else
                        If CBDPP.Text = "Other" Then
                            Sheet1.Range("be493197") = tbdpp.Value
                        Else
                            Sheet1.Range("be493197") = CBDPP.Value
                        End If
                            Sheet1.Range("bp493198") = TBLL.Value
                            Sheet1.Range("bp493200") = TBPI.Value
                            Sheet1.Range("bq493201") = TBPP.Value
                            Sheet1.Range("be493195") = CBPAT.Value
                  With PSP
                    .nindividual.Value = Sheet1.Range("Bl493210")
                     DataInput.Hide

            'Sends output data to the form
                       'Sending to multiple properties form
                        If CBDPP.Value = "All" Then
               With MultipleProperties
           .Label3.Caption = "Unconfined Compressive Strength (psi)"
           .Label4.Caption = "Optimum Moisture Content (%)"
                              .ll.Value = DataInput.TBLL
                              .pi.Value = DataInput.TBPI
                              .ngi.Value = Sheet1.Range("be493193")
                              .pat.Value = Sheet1.Range("be493195")
                              .pp1.Value = Sheet1.Range("bd493200")
                              .pp2.Value = Sheet1.Range("bf493200")
                              .pp3.Value = Sheet1.Range("bh493200")
                              .pp4.Value = Sheet1.Range("bi493200")
                            .mld1.Value = Sheet1.Range("bd493202")
                            .mld2.Value = Sheet1.Range("bf493202")
                            .mld3.Value = Sheet1.Range("bh493202")
                            .mld4.Value = Sheet1.Range("bi493202")
                            .omc1.Value = Sheet1.Range("bd493206")
                            .omc2.Value = Sheet1.Range("bf493206")
                            .omc3.Value = Sheet1.Range("bh493206")
                            .omc4.Value = Sheet1.Range("bi493206")
                            .ucs1.Value = Sheet1.Range("bd493204")
                            .ucs2.Value = Sheet1.Range("bf493204")
                            .ucs3.Value = Sheet1.Range("bh493204")
                            .ucs4.Value = Sheet1.Range("bi493204")
                            .PI1.Value = Sheet1.Range("bd493208")
                            .PI2.Value = Sheet1.Range("bf493208")
                            .PI3.Value = Sheet1.Range("bh493208")
                            .PI4.Value = Sheet1.Range("bi493208")
                            .rmld.Value = Sheet1.Range("bj493202")
                            .romc.Value = Sheet1.Range("bj493206")
                            .rucs.Value = Sheet1.Range("bj493204")
                            .rpi.Value = Sheet1.Range("bj493208")
                            .nmult.Value = Sheet1.Range("bj493197")
                            .n3.Value = Sheet1.Range("BD493210")
                            .n4.Value = Sheet1.Range("BF493210")
                            .n5.Value = Sheet1.Range("BH493210")
                            .n6.Value = Sheet1.Range("BI493210")

            'Checking for lime input
                              If .pat.Value = "LIME" Then
                                 .pp4.Visible = True
                                 .mld4.Visible = True
                                 .omc4.Visible = True
                                 .ucs4.Visible = True
                                 .PI4.Visible = True
                                 .romc.Visible = False
                                 .rucs.Visible = False
                                 .rmld.Visible = False
                                 .rpi.Visible = False
                                 .Label9.Visible = False
                                 .Label15.Visible = False
                                 .nmult.Visible = False
                                 .Label16.Visible = True
                                 .n3.Visible = True
                                 .n4.Visible = True
                                 .n5.Visible = True
```

```
                        .n6.Visible = True
                    Else
                        .romc.Visible = True
                        .rucs.Visible = True
                        .rmld.Visible = True
                        .rpi.Visible = True
                        .Label9.Visible = True
                        .pp4.Visible = False
                        .mld4.Visible = False
                        .omc4.Visible = False
                        .ucs4.Visible = False
                        .PI4.Visible = False
                        .n6.Visible = False
                        .Label15.Visible = True
                        .Label15.Left = 588
                        .nmult.Visible = True

                    End If
                    .Show
                End With
            Else
            'Sending to single additive form
                With PSP
                    .PPSP.Visible = True
              .PPSP1.Visible = False
 .Label4.Caption = "Unconfined Compressive Strength (psi)"
              .Label1.Left = 0
.Label1.Caption = "PREDICTED MODIFIED SOIL PROPERTIES"
.Label1.Left = .Label1.Left + PSP.Width / 2 - .Label1.Width / 2
                    .ll.Value = DataInput.TBLL
                    .piorig.Value = DataInput.TBPI
                    .ngi.Value = Sheet1.Range("be493193")
                    .pat.Value = Sheet1.Range("be493195")
                    .pp.Value = Sheet1.Range("bl493200")
                    .mld.Value = Sheet1.Range("bl493202")
                    .omc.Value = Sheet1.Range("bl493204")
                    .ucs.Value = Sheet1.Range("bl493206")
                    .pi.Value = Sheet1.Range("bl493208")
                .rmld.Value = Sheet1.Range("bj493202")
                .romc.Value = Sheet1.Range("bj493206")
                .rucs.Value = Sheet1.Range("bj493204")
                .rpi.Value = Sheet1.Range("bj493208")
                .nsingle.Value = Sheet1.Range("bj493197")
                    .Label9.Visible = True
                    .Label7.Visible = True
                    .Label8.Visible = True
                    .Label3.Visible = True
                    .Label4.Visible = True
                    .Label5.Visible = True
                    .pat.Visible = True
                    .pp.Visible = True
                    .ucs.Visible = True
                    .omc.Visible = True
                    .pi.Visible = True
                    .nnative.Visible = False
                    .Label16.Visible = True
                    .nsingle.Left = 414
                    .Label15.Visible = True
                    .Label15.Left = 324
                    .nindividual.Visible = True
                    .nsingle.Visible = True

        'Checking for lime input
                    If .pat.Value = "LIME" Then
                        .romc.Visible = False
                        .rucs.Visible = False
                        .rmld.Visible = False
                        .rpi.Visible = False
                        .Label9.Visible = False
                        .nnative.Visible = False
                        .Label15.Visible = False
                        .nsingle.Left = 252
                        .Label16.Visible = True
                        .nindividual.Visible = False
                    Else
         'Sending native properties form

                        If .pat.Value = "NONE" Then
                            .PPSP.Visible = False
                            .PPSP1.Visible = True
                .mld.Value = Sheet1.Range("bd493202")
```

```
                                .omc.Value = Sheet1.Range("bd493206")
                                .nsingle.Value = Sheet1.Range("bj493197")
                                            .romc.Visible = False
                                            .rucs.Visible = False
                                            .rmld.Visible = False
                                            .rpi.Visible = False
                                            .Label9.Visible = False
                                            .Label7.Visible = False
                                            .Label8.Visible = False
                                            .Label3.Visible = False
                                            .Label5.Visible = False
                                            .pat.Visible = False
                                            .pp.Visible = False
                                            .ucs.Visible = False
                                            .pi.Visible = False
            .Label4.Caption = "Optimum Moisture Content (%)"
            .Label1.Caption = "PREDICTED NATIVE SOIL PROPERTIES"
                                            .Label1.Left = 0
            .Label1.Left = .Label1.Left + PSP.Width / 2 - .Label1.Width / 2
                                            .nsingle.Visible = False
                                            .Label15.Visible = True
                                            .Label16.Visible = False
                                            .Label15.Left = 18
                                            .nnative.Visible = True
                                            .nindividual.Visible = False
                                .nnative.Value = Sheet1.Range("bj493197")
                                        Else
                                            .romc.Visible = True
                                            .rucs.Visible = True
                                            .rmld.Visible = True
                                            .rpi.Visible = True
                                            .Label9.Visible = True
                                        End If
                                    End If
                                    .Show
                                End With
                            End If
                            End With
                             End If
                            End If
                        End If
                    End If
                End If
            End If

End Sub
Private Sub CBPAT_Change()       'CODE FOR INPUTING POZZOLAN TYPE
CBDPP.Clear
tbdpp.Visible = False
CBDPP.Visible = True
If CBPAT.Value = "FLYASH" Then 'FLYASH
    With CBDPP
    .AddItem ("10")
    .AddItem ("13")
    .AddItem ("15")
    .AddItem ("All")
    .AddItem ("Other")
    End With
Else
    If CBPAT.Value = "CKD" Then 'CKD
        With CBDPP
        .AddItem ("5")
        .AddItem ("7")
        .AddItem ("9")
        .AddItem ("All")
        .AddItem ("Other")
        End With
        Else 'LIME
            If CBPAT.Value = "LIME" Then
                With CBDPP
                  .AddItem ("3")
                  .AddItem ("4")
                  .AddItem ("5")
                  .AddItem ("6")
                  .AddItem ("All")
                End With
            Else
                With CBDPP
                    .Visible = False
                End With
            End If
```

```
    End If
End If
End Sub
```

PREDICTED MULTIPLE SOIL PROPERTIES

```
Private Sub MMPSPM_Click()        'CODE RETURNING PROGRAM TO MAIN MENU
MultipleProperties.Hide
MainMenu.Show

End Sub
Private Sub nmult_Change()        'VALUE OF n= FOR r²

End Sub
Private Sub pp1_Change()          'PERCENT POZZOLAN

End Sub
Private Sub PPSPM_Click()         'CODE FOR PRINT AREA OF RESULTS

If pat = "FLYASH" Then
Sheet4.Range("g7").Value = projnum.Value
Sheet4.Range("d4:o24").PrintOut

Else
If pat = "CKD" Then
Sheet4.Range("g7").Value = projnum.Value
Sheet4.Range("d4:o24").PrintOut

Else

If pat = "LIME" Then
Sheet4.Range("g7").Value = projnum.Value
Sheet4.Range("d71:o91").PrintOut
End If
End If
End If
End Sub
```

PREDICTED SINGLE SOIL PROPERTIES

```
Private Sub BPSP_Click()          'CODE SENDING PROGRAM TO DATA INPUT
projnum.Text = " "
projnum.SetFocus
PSP.Hide
DataInput.Show

End Sub
Private Sub MMPSP_Click()         'CODE SENDING PROGRAM TO MAIN MENU
PSP.Hide
MainMenu.Show

End Sub
Private Sub nlime_Change()        'LIME n=

End Sub
Private Sub PPSP_Click()          'CODE FOR PRINT AREA OF SINGLE POZZOLAN RESULTS
Sheet4.Range("g32").Value = projnum.Value
Sheet4.Range("d29:n49").PrintOut

End Sub
Private Sub PPSP1_Click()         'CODE FOR PRINT AREA OF NATIVE RESULTS
Sheet4.Range("g56").Value = projnum.Value
Sheet4.Range("d53:n66").PrintOut

End Sub
```

VIEW/MODIFY DATABASE

```
Dim row As Integer
Dim INSMOD, DELMOD, VIEWMODE As Boolean
Public Sub FORMATVIEWMODE()       'THIS CODE IS THE SETUP FOR THE VIEW MODE
```

```
data.CLEARFORM
        Label36.Visible = True
        Label32.Visible = True
        c1.Visible = True
        c1.Locked = False
        c2.Visible = True
        c2.Locked = False
        c3.Visible = True
        c3.Locked = False
        c4.Visible = True
        c4.Locked = False
        c5.Visible = True
        c5.Locked = False
        c6.Visible = True
        c6.Locked = False
        c7.Visible = True
        c7.Locked = False
        c8.Visible = True
        c8.Locked = False
        c9.Visible = True
        c9.Locked = False
        c10.Visible = True
        c10.Locked = False
        H1.Visible = True
        H2.Visible = True
        H3.Visible = True
        H4.Visible = True
        H5.Visible = True
        H6.Visible = True
        H7.Visible = True
        H8.Visible = True
        H9.Visible = True
        H10.Visible = True
        MM1.Visible = True
        MM2.Visible = True
        MM3.Visible = True
        MM4.Visible = True
        MM5.Visible = True
        MM6.Visible = True
        MM7.Visible = True
        MM8.Visible = True
        MM9.Visible = True
        MM10.Visible = True
        NGI1.Visible = True
        NGI2.Visible = True
        NGI3.Visible = True
        NGI4.Visible = True
        NGI5.Visible = True
        NGI6.Visible = True
        NGI7.Visible = True
        NGI8.Visible = True
        NGI9.Visible = True
        NGI10.Visible = True
        LL1.Visible = True
        LL2.Visible = True
        LL3.Visible = True
        LL4.Visible = True
        LL5.Visible = True
        LL6.Visible = True
        LL7.Visible = True
        LL8.Visible = True
        LL9.Visible = True
        LL10.Visible = True
        PI1.Visible = True
        PI2.Visible = True
        PI3.Visible = True
        PI4.Visible = True
        PI5.Visible = True
        PI6.Visible = True
        PI7.Visible = True
        PI8.Visible = True
        PI9.Visible = True
        PI10.Visible = True
        PT1.Visible = True
        PT2.Visible = True
        PT3.Visible = True
        PT4.Visible = True
        PT5.Visible = True
        PT6.Visible = True
        PT7.Visible = True
        PT8.Visible = True
```

```
PT9.Visible = True
PT10.Visible = True
M1.Visible = True
M2.Visible = True
M3.Visible = True
M4.Visible = True
M5.Visible = True
M6.Visible = True
M7.Visible = True
M8.Visible = True
M9.Visible = True
M10.Visible = True
O1.Visible = True
O2.Visible = True
O3.Visible = True
O4.Visible = True
O5.Visible = True
O6.Visible = True
O7.Visible = True
O8.Visible = True
O9.Visible = True
O10.Visible = True
P1.Visible = True
P2.Visible = True
P3.Visible = True
P4.Visible = True
P5.Visible = True
P6.Visible = True
P7.Visible = True
P8.Visible = True
P9.Visible = True
P10.Visible = True
MD1.Visible = True
MD2.Visible = True
MD3.Visible = True
MD4.Visible = True
MD5.Visible = True
MD6.Visible = True
MD7.Visible = True
MD8.Visible = True
MD9.Visible = True
MD10.Visible = True
MO1.Visible = True
MO2.Visible = True
MO3.Visible = True
MO4.Visible = True
MO5.Visible = True
MO6.Visible = True
MO7.Visible = True
MO8.Visible = True
MO9.Visible = True
MO10.Visible = True
U1.Visible = True
U2.Visible = True
U3.Visible = True
U4.Visible = True
U5.Visible = True
U6.Visible = True
U7.Visible = True
U8.Visible = True
U9.Visible = True
U10.Visible = True
UO1.Visible = True
UO2.Visible = True
UO3.Visible = True
UO4.Visible = True
UO5.Visible = True
UO6.Visible = True
UO7.Visible = True
UO8.Visible = True
UO9.Visible = True
UO10.Visible = True
MPI1.Visible = True
MPI2.Visible = True
MPI3.Visible = True
MPI4.Visible = True
MPI5.Visible = True
MPI6.Visible = True
MPI7.Visible = True
MPI8.Visible = True
MPI9.Visible = True
```

```
        MPI10.Visible = True
        Y1.Visible = True
        Y2.Visible = True
        Y3.Visible = True
        Y4.Visible = True
        Y5.Visible = True
        Y6.Visible = True
        Y7.Visible = True
        Y8.Visible = True
        Y9.Visible = True
        Y10.Visible = True
        SortSample.Visible = True
        sorthighway.Visible = True
        sortngi.Visible = True
        Label34.Visible = False
        d1.Visible = False
        d2.Visible = False
        d3.Visible = False
        d4.Visible = False
        d5.Visible = False
        d6.Visible = False
        d7.Visible = False
        d8.Visible = False
        d9.Visible = False
        d10.Visible = False
        delete.Visible = False
        INSERTMODE.Visible = True
        exitmode.Visible = False
        MMENU.Visible = True
        Label35.Visible = False
        edit.Visible = False
        editmode.Visible = True
        editinsert.Visible = False

With data
    With .Label1 'FORM HEADING
        .ForeColor = &H80000012 'TURN BLACK
        .Caption = "VIEW DATA MODE"
        .Left = 0
        .Left = Label1.Left + data.Width / 2 - Label1.Width / 2
    End With
    .ADDINSERT.Visible = False 'SELECT ADD TYPE VIEW MODE CBOX
    With data.add 'SELECT ADD TYPE VIEW MODE CBOX
        .Clear
        .AddItem ("FLYASH")
        .AddItem ("CKD")
        .AddItem ("LIME")
        .Left = data.Width - .Width - 10
        .Visible = True
    End With
    With .Label10 'SELECT ADD TYPE LABEL
        .Left = add.Left - 2 - .Width
        .ForeColor = &H80000012 'TURN BLACK
    End With
        'HIDE BUTTONS
        .MOVE2.Visible = True
        .move10.Visible = True
        .add.Visible = True
            'HIDE LABELS
            .Label28.Visible = True
            .Label30.Visible = True
            .Label31.Visible = True
            .Label29.Visible = True
                'CHANGING BUTTONS CAPTIONS AND COLORS
                .DELETEMODE.Caption = "DELETE MODE"
                .DELETEMODE.ForeColor = &H80000012
                .INSERTMODE.Caption = "INSERT MODE"
                .INSERTMODE.ForeColor = &H80000012
                .MMENU.ForeColor = &H80000012
    With .Label34 'DELETE COLUMN HEADING
        .ForeColor = &H80000012  'TURN RED
        .Caption = "Delete"
         End With

VIEWMODE = True
INSMOD = False
DELMOD = False

End With
End Sub
Public Sub FORMATINSERTMODE()      'THIS CODE IS SETUP FOR THE INSERT MODE
```

```
VIEWMODE = False
INSMOD = True

        Label34.Visible = False
        Label35.Visible = False
With data
    With .Label1 'FORM HEADING
        .ForeColor = &HFF& 'TURN RED
        .Caption = "INSERT MODE"
        .Left = 0
        .Left = Label1.Left + data.Width / 2 - Label1.Width / 2
    End With
    With .ADDINSERT 'SELECT ADD TYPE INSERT MODE CBOX
        .Clear
        .AddItem ("FLYASH")
        .AddItem ("CKD")
        .AddItem ("LIME")
        .Visible = True
    End With
    With .Label10 'SELECT ADD TYPE LABEL
        .Left = 2
        .ForeColor = &HFF& 'TURN RED
    End With
        'HIDE BUTTONS
        .MOVE2.Visible = False
        .move10.Visible = False
        .add.Visible = False
            'HIDE LABELS
            .Label28.Visible = False
            .Label30.Visible = False
            .Label31.Visible = False
            .Label29.Visible = False
                'CHANGING BUTTONS CAPTIONS AND COLORS
                .DELETEMODE.Caption = "EXIT"
                .DELETEMODE.ForeColor = &H80000012
                .INSERTMODE.Caption = "INSERT"
                .INSERTMODE.ForeColor = &HFF&
                .MMENU.ForeColor = &HFF&

End With
End Sub
Private Sub EDITMODE_Click()      'THIS CODE IS SETUP FOR THE EDIT MODE
        SortSample.Visible = True
        Label32.Visible = True
        c1.Visible = True
        c1.Locked = True
        c2.Visible = True
        c2.Locked = True
        c3.Visible = True
        c3.Locked = True
        c4.Visible = True
        c4.Locked = True
        c5.Visible = True
        c5.Locked = True
        c6.Visible = True
        c6.Locked = True
        c7.Visible = True
        c7.Locked = True
        c8.Visible = True
        c8.Locked = True
        c9.Visible = True
        c9.Locked = True
        c10.Visible = True
        c10.Locked = True
    d1 = False
    d2 = False
    d3 = False
    d4 = False
    d5 = False
    d6 = False
    d7 = False
    d8 = False
    d9 = False
    d10 = False
    Label34.Visible = True
    d1.Visible = True
    d2.Visible = True
    d3.Visible = True
    d4.Visible = True
    d5.Visible = True
    d6.Visible = True
```

```
    d7.Visible = True
    d8.Visible = True
    d9.Visible = True
    d10.Visible = True

    delete.Visible = False
    INSERTMODE.Visible = False
    exitmode.Visible = True
    MMENU.Visible = False
    edit.Visible = True


    With data
    With .Label34 'DELETE COLUMN HEADING
        .ForeColor = &HFF& 'TURN RED
        .Caption = "Edit"
         End With
    With .Label1 'FORM HEADING
        .ForeColor = &HFF& 'TURN RED
        .Caption = "EDIT MODE"
        .Left = 0
        .Left = Label1.Left + data.Width / 2 - Label1.Width / 2
         End With
    With .Label10 'SELECT ADD TYPE LABEL
        .ForeColor = &HFF& 'TURN RED

End With
End With

End Sub
Public Sub EDIT_click()        'THIS IS THE CODE FOR EDITING DATA

    If add.Value <> "FLYASH" And add.Value <> "CKD" And add.Value <> "LIME" Then
      prompt = "Missing Additive Type"
      status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Error")

    Else

    If d1.Value = False And d2.Value = False And d3.Value = False And d4.Value = False And d5.Value = False And
d6.Value = False And d7.Value = False And d8.Value = False And d9.Value = False And d10.Value = False Then
       prompt = "Please select data to edit"
       status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Error")
    Else
    If add.Value <> "FLYASH" And add.Value <> "CKD" And add.Value <> "LIME" Then
       prompt = "Missing Additive Type"
       status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Error")

   Else

    If d1 = True Then
    editinsert.Visible = True
        d2.Visible = False
        d3.Visible = False
        d4.Visible = False
        d5.Visible = False
        d6.Visible = False
        d7.Visible = False
        d8.Visible = False
        d9.Visible = False
        d10.Visible = False
        c2.Visible = False
        c3.Visible = False
        c4.Visible = False
        c5.Visible = False
        c6.Visible = False
        c7.Visible = False
        c8.Visible = False
        c9.Visible = False
        c10.Visible = False
        H2.Visible = False
        H3.Visible = False
        H4.Visible = False
        H5.Visible = False
        H6.Visible = False
        H7.Visible = False
        H8.Visible = False
        H9.Visible = False
        H10.Visible = False
        MM2.Visible = False
        MM3.Visible = False
        MM4.Visible = False
```

```
MM5.Visible = False
MM6.Visible = False
MM7.Visible = False
MM8.Visible = False
MM9.Visible = False
MM10.Visible = False
NGI2.Visible = False
NGI3.Visible = False
NGI4.Visible = False
NGI5.Visible = False
NGI6.Visible = False
NGI7.Visible = False
NGI8.Visible = False
NGI9.Visible = False
NGI10.Visible = False
LL2.Visible = False
LL3.Visible = False
LL4.Visible = False
LL5.Visible = False
LL6.Visible = False
LL7.Visible = False
LL8.Visible = False
LL9.Visible = False
LL10.Visible = False
PI2.Visible = False
PI3.Visible = False
PI4.Visible = False
PI5.Visible = False
PI6.Visible = False
PI7.Visible = False
PI8.Visible = False
PI9.Visible = False
PI10.Visible = False
PT2.Visible = False
PT3.Visible = False
PT4.Visible = False
PT5.Visible = False
PT6.Visible = False
PT7.Visible = False
PT8.Visible = False
PT9.Visible = False
PT10.Visible = False
M2.Visible = False
M3.Visible = False
M4.Visible = False
M5.Visible = False
M6.Visible = False
M7.Visible = False
M8.Visible = False
M9.Visible = False
M10.Visible = False
O2.Visible = False
O3.Visible = False
O4.Visible = False
O5.Visible = False
O6.Visible = False
O7.Visible = False
O8.Visible = False
O9.Visible = False
O10.Visible = False
P2.Visible = False
P3.Visible = False
P4.Visible = False
P5.Visible = False
P6.Visible = False
P7.Visible = False
P8.Visible = False
P9.Visible = False
P10.Visible = False
MD2.Visible = False
MD3.Visible = False
MD4.Visible = False
MD5.Visible = False
MD6.Visible = False
MD7.Visible = False
MD8.Visible = False
MD9.Visible = False
MD10.Visible = False
MO2.Visible = False
MO3.Visible = False
MO4.Visible = False
```

```
        MO5.Visible = False
        MO6.Visible = False
        MO7.Visible = False
        MO8.Visible = False
        MO9.Visible = False
        MO10.Visible = False
        U2.Visible = False
        U3.Visible = False
        U4.Visible = False
        U5.Visible = False
        U6.Visible = False
        U7.Visible = False
        U8.Visible = False
        U9.Visible = False
        U10.Visible = False
        UO2.Visible = False
        UO3.Visible = False
        UO4.Visible = False
        UO5.Visible = False
        UO6.Visible = False
        UO7.Visible = False
        UO8.Visible = False
        UO9.Visible = False
        UO10.Visible = False
        MPI2.Visible = False
        MPI3.Visible = False
        MPI4.Visible = False
        MPI5.Visible = False
        MPI6.Visible = False
        MPI7.Visible = False
        MPI8.Visible = False
        MPI9.Visible = False
        MPI10.Visible = False
        Y2.Visible = False
        Y3.Visible = False
        Y4.Visible = False
        Y5.Visible = False
        Y6.Visible = False
        Y7.Visible = False
        Y8.Visible = False
        Y9.Visible = False
        Y10.Visible = False
        edit.Visible = False
        Label35.Visible = True
        Label35.Top = 252
        editmode.Visible = False
        End If
End If
    If d2 = True Then
    editinsert.Visible = True
     d1.Visible = False
        d3.Visible = False
        d4.Visible = False
        d5.Visible = False
        d6.Visible = False
        d7.Visible = False
        d8.Visible = False
        d9.Visible = False
        d10.Visible = False
        c1.Visible = False
        c3.Visible = False
        c4.Visible = False
        c5.Visible = False
        c6.Visible = False
        c7.Visible = False
        c8.Visible = False
        c9.Visible = False
        c10.Visible = False
        H1.Visible = False
        H3.Visible = False
        H4.Visible = False
        H5.Visible = False
        H6.Visible = False
        H7.Visible = False
        H8.Visible = False
        H9.Visible = False
        H10.Visible = False
        MM1.Visible = False
        MM3.Visible = False
        MM4.Visible = False
        MM5.Visible = False
```

```
MM6.Visible = False
MM7.Visible = False
MM8.Visible = False
MM9.Visible = False
MM10.Visible = False
NGI1.Visible = False
NGI3.Visible = False
NGI4.Visible = False
NGI5.Visible = False
NGI6.Visible = False
NGI7.Visible = False
NGI8.Visible = False
NGI9.Visible = False
NGI10.Visible = False
LL1.Visible = False
LL3.Visible = False
LL4.Visible = False
LL5.Visible = False
LL6.Visible = False
LL7.Visible = False
LL8.Visible = False
LL9.Visible = False
LL10.Visible = False
PI1.Visible = False
PI3.Visible = False
PI4.Visible = False
PI5.Visible = False
PI6.Visible = False
PI7.Visible = False
PI8.Visible = False
PI9.Visible = False
PI10.Visible = False
PT1.Visible = False
PT3.Visible = False
PT4.Visible = False
PT5.Visible = False
PT6.Visible = False
PT7.Visible = False
PT8.Visible = False
PT9.Visible = False
PT10.Visible = False
M1.Visible = False
M3.Visible = False
M4.Visible = False
M5.Visible = False
M6.Visible = False
M7.Visible = False
M8.Visible = False
M9.Visible = False
M10.Visible = False
O1.Visible = False
O3.Visible = False
O4.Visible = False
O5.Visible = False
O6.Visible = False
O7.Visible = False
O8.Visible = False
O9.Visible = False
O10.Visible = False
P1.Visible = False
P3.Visible = False
P4.Visible = False
P5.Visible = False
P6.Visible = False
P7.Visible = False
P8.Visible = False
P9.Visible = False
P10.Visible = False
MD1.Visible = False
MD3.Visible = False
MD4.Visible = False
MD5.Visible = False
MD6.Visible = False
MD7.Visible = False
MD8.Visible = False
MD9.Visible = False
MD10.Visible = False
MO1.Visible = False
MO3.Visible = False
MO4.Visible = False
MO5.Visible = False
```

```
        MO6.Visible = False
        MO7.Visible = False
        MO8.Visible = False
        MO9.Visible = False
        MO10.Visible = False
        U1.Visible = False
        U3.Visible = False
        U4.Visible = False
        U5.Visible = False
        U6.Visible = False
        U7.Visible = False
        U8.Visible = False
        U9.Visible = False
        U10.Visible = False
        UO1.Visible = False
        UO3.Visible = False
        UO4.Visible = False
        UO5.Visible = False
        UO6.Visible = False
        UO7.Visible = False
        UO8.Visible = False
        UO9.Visible = False
        UO10.Visible = False
        MPI1.Visible = False
        MPI3.Visible = False
        MPI4.Visible = False
        MPI5.Visible = False
        MPI6.Visible = False
        MPI7.Visible = False
        MPI8.Visible = False
        MPI9.Visible = False
        MPI10.Visible = False
        Y1.Visible = False
        Y3.Visible = False
        Y4.Visible = False
        Y5.Visible = False
        Y6.Visible = False
        Y7.Visible = False
        Y8.Visible = False
        Y9.Visible = False
        Y10.Visible = False
        Label35.Visible = True
        Label35.Top = 252
        edit.Visible = False
        editmode.Visible = False
        End If
End If
        If d3 = True Then
        editinsert.Visible = True
        d2.Visible = False
        d1.Visible = False
        d4.Visible = False
        d5.Visible = False
        d6.Visible = False
        d7.Visible = False
        d8.Visible = False
        d9.Visible = False
        d10.Visible = False
        c2.Visible = False
        c1.Visible = False
        c4.Visible = False
        c5.Visible = False
        c6.Visible = False
        c7.Visible = False
        c8.Visible = False
        c9.Visible = False
        c10.Visible = False
        H2.Visible = False
        H1.Visible = False
        H4.Visible = False
        H5.Visible = False
        H6.Visible = False
        H7.Visible = False
        H8.Visible = False
        H9.Visible = False
        H10.Visible = False
        MM2.Visible = False
        MM1.Visible = False
        MM4.Visible = False
        MM5.Visible = False
        MM6.Visible = False
```

```
MM7.Visible = False
MM8.Visible = False
MM9.Visible = False
MM10.Visible = False
NGI2.Visible = False
NGI1.Visible = False
NGI4.Visible = False
NGI5.Visible = False
NGI6.Visible = False
NGI7.Visible = False
NGI8.Visible = False
NGI9.Visible = False
NGI10.Visible = False
LL2.Visible = False
LL1.Visible = False
LL4.Visible = False
LL5.Visible = False
LL6.Visible = False
LL7.Visible = False
LL8.Visible = False
LL9.Visible = False
LL10.Visible = False
PI2.Visible = False
PI1.Visible = False
PI4.Visible = False
PI5.Visible = False
PI6.Visible = False
PI7.Visible = False
PI8.Visible = False
PI9.Visible = False
PI10.Visible = False
PT2.Visible = False
PT1.Visible = False
PT4.Visible = False
PT5.Visible = False
PT6.Visible = False
PT7.Visible = False
PT8.Visible = False
PT9.Visible = False
PT10.Visible = False
M2.Visible = False
M1.Visible = False
M4.Visible = False
M5.Visible = False
M6.Visible = False
M7.Visible = False
M8.Visible = False
M9.Visible = False
M10.Visible = False
O2.Visible = False
O1.Visible = False
O4.Visible = False
O5.Visible = False
O6.Visible = False
O7.Visible = False
O8.Visible = False
O9.Visible = False
O10.Visible = False
P2.Visible = False
P1.Visible = False
P4.Visible = False
P5.Visible = False
P6.Visible = False
P7.Visible = False
P8.Visible = False
P9.Visible = False
P10.Visible = False
MD2.Visible = False
MD1.Visible = False
MD4.Visible = False
MD5.Visible = False
MD6.Visible = False
MD7.Visible = False
MD8.Visible = False
MD9.Visible = False
MD10.Visible = False
MO2.Visible = False
MO1.Visible = False
MO4.Visible = False
MO5.Visible = False
MO6.Visible = False
```

```
MO7.Visible = False
MO8.Visible = False
MO9.Visible = False
MO10.Visible = False
U2.Visible = False
U1.Visible = False
U4.Visible = False
U5.Visible = False
U6.Visible = False
U7.Visible = False
U8.Visible = False
U9.Visible = False
U10.Visible = False
UO2.Visible = False
UO1.Visible = False
UO4.Visible = False
UO5.Visible = False
UO6.Visible = False
UO7.Visible = False
UO8.Visible = False
UO9.Visible = False
UO10.Visible = False
MPI2.Visible = False
MPI1.Visible = False
MPI4.Visible = False
MPI5.Visible = False
MPI6.Visible = False
MPI7.Visible = False
MPI8.Visible = False
MPI9.Visible = False
MPI10.Visible = False
Y2.Visible = False
Y1.Visible = False
Y4.Visible = False
Y5.Visible = False
Y6.Visible = False
Y7.Visible = False
Y8.Visible = False
Y9.Visible = False
Y10.Visible = False
Label35.Visible = True
Label35.Top = 252
edit.Visible = False
editmode.Visible = False
End If

If d4 = True Then
editinsert.Visible = True
d2.Visible = False
d3.Visible = False
d1.Visible = False
d5.Visible = False
d6.Visible = False
d7.Visible = False
d8.Visible = False
d9.Visible = False
d10.Visible = False
c2.Visible = False
c3.Visible = False
c1.Visible = False
c5.Visible = False
c6.Visible = False
c7.Visible = False
c8.Visible = False
c9.Visible = False
c10.Visible = False
H2.Visible = False
H3.Visible = False
H1.Visible = False
H5.Visible = False
H6.Visible = False
H7.Visible = False
H8.Visible = False
H9.Visible = False
H10.Visible = False
MM2.Visible = False
MM3.Visible = False
MM1.Visible = False
MM5.Visible = False
MM6.Visible = False
MM7.Visible = False
```

```
MM8.Visible = False
MM9.Visible = False
MM10.Visible = False
NGI2.Visible = False
NGI3.Visible = False
NGI1.Visible = False
NGI5.Visible = False
NGI6.Visible = False
NGI7.Visible = False
NGI8.Visible = False
NGI9.Visible = False
NGI10.Visible = False
LL2.Visible = False
LL3.Visible = False
LL1.Visible = False
LL5.Visible = False
LL6.Visible = False
LL7.Visible = False
LL8.Visible = False
LL9.Visible = False
LL10.Visible = False
PI2.Visible = False
PI3.Visible = False
PI1.Visible = False
PI5.Visible = False
PI6.Visible = False
PI7.Visible = False
PI8.Visible = False
PI9.Visible = False
PI10.Visible = False
PT2.Visible = False
PT3.Visible = False
PT1.Visible = False
PT5.Visible = False
PT6.Visible = False
PT7.Visible = False
PT8.Visible = False
PT9.Visible = False
PT10.Visible = False
M2.Visible = False
M3.Visible = False
M1.Visible = False
M5.Visible = False
M6.Visible = False
M7.Visible = False
M8.Visible = False
M9.Visible = False
M10.Visible = False
O2.Visible = False
O3.Visible = False
O1.Visible = False
O5.Visible = False
O6.Visible = False
O7.Visible = False
O8.Visible = False
O9.Visible = False
O10.Visible = False
P2.Visible = False
P3.Visible = False
P1.Visible = False
P5.Visible = False
P6.Visible = False
P7.Visible = False
P8.Visible = False
P9.Visible = False
P10.Visible = False
MD2.Visible = False
MD3.Visible = False
MD1.Visible = False
MD5.Visible = False
MD6.Visible = False
MD7.Visible = False
MD8.Visible = False
MD9.Visible = False
MD10.Visible = False
MO2.Visible = False
MO3.Visible = False
MO1.Visible = False
MO5.Visible = False
MO6.Visible = False
MO7.Visible = False
```

```
MO8.Visible = False
MO9.Visible = False
MO10.Visible = False
U2.Visible = False
U3.Visible = False
U1.Visible = False
U5.Visible = False
U6.Visible = False
U7.Visible = False
U8.Visible = False
U9.Visible = False
U10.Visible = False
UO2.Visible = False
UO3.Visible = False
UO1.Visible = False
UO5.Visible = False
UO6.Visible = False
UO7.Visible = False
UO8.Visible = False
UO9.Visible = False
UO10.Visible = False
MPI2.Visible = False
MPI3.Visible = False
MPI1.Visible = False
MPI5.Visible = False
MPI6.Visible = False
MPI7.Visible = False
MPI8.Visible = False
MPI9.Visible = False
MPI10.Visible = False
Y2.Visible = False
Y3.Visible = False
Y1.Visible = False
Y5.Visible = False
Y6.Visible = False
Y7.Visible = False
Y8.Visible = False
Y9.Visible = False
Y10.Visible = False
Label35.Visible = True
editmode.Visible = False
Label35.Top = 252
edit.Visible = False
End If

If d5 = True Then
editinsert.Visible = True
d2.Visible = False
d3.Visible = False
d4.Visible = False
d1.Visible = False
d6.Visible = False
d7.Visible = False
d8.Visible = False
d9.Visible = False
d10.Visible = False
c2.Visible = False
c3.Visible = False
c4.Visible = False
c1.Visible = False
c6.Visible = False
c7.Visible = False
c8.Visible = False
c9.Visible = False
c10.Visible = False
H2.Visible = False
H3.Visible = False
H4.Visible = False
H1.Visible = False
H6.Visible = False
H7.Visible = False
H8.Visible = False
H9.Visible = False
H10.Visible = False
MM2.Visible = False
MM3.Visible = False
MM4.Visible = False
MM1.Visible = False
MM6.Visible = False
MM7.Visible = False
MM8.Visible = False
```

```
MM9.Visible = False
MM10.Visible = False
NGI2.Visible = False
NGI3.Visible = False
NGI4.Visible = False
NGI1.Visible = False
NGI6.Visible = False
NGI7.Visible = False
NGI8.Visible = False
NGI9.Visible = False
NGI10.Visible = False
LL2.Visible = False
LL3.Visible = False
LL4.Visible = False
LL1.Visible = False
LL6.Visible = False
LL7.Visible = False
LL8.Visible = False
LL9.Visible = False
LL10.Visible = False
PI2.Visible = False
PI3.Visible = False
PI4.Visible = False
PI1.Visible = False
PI6.Visible = False
PI7.Visible = False
PI8.Visible = False
PI9.Visible = False
PI10.Visible = False
PT2.Visible = False
PT3.Visible = False
PT4.Visible = False
PT1.Visible = False
PT6.Visible = False
PT7.Visible = False
PT8.Visible = False
PT9.Visible = False
PT10.Visible = False
M2.Visible = False
M3.Visible = False
M4.Visible = False
M1.Visible = False
M6.Visible = False
M7.Visible = False
M8.Visible = False
M9.Visible = False
M10.Visible = False
O2.Visible = False
O3.Visible = False
O4.Visible = False
O1.Visible = False
O6.Visible = False
O7.Visible = False
O8.Visible = False
O9.Visible = False
O10.Visible = False
P2.Visible = False
P3.Visible = False
P4.Visible = False
P1.Visible = False
P6.Visible = False
P7.Visible = False
P8.Visible = False
P9.Visible = False
P10.Visible = False
MD2.Visible = False
MD3.Visible = False
MD4.Visible = False
MD1.Visible = False
MD6.Visible = False
MD7.Visible = False
MD8.Visible = False
MD9.Visible = False
MD10.Visible = False
MO2.Visible = False
MO3.Visible = False
MO4.Visible = False
MO1.Visible = False
MO6.Visible = False
MO7.Visible = False
MO8.Visible = False
```

```
MO9.Visible = False
MO10.Visible = False
U2.Visible = False
U3.Visible = False
U4.Visible = False
U1.Visible = False
U6.Visible = False
U7.Visible = False
U8.Visible = False
U9.Visible = False
U10.Visible = False
UO2.Visible = False
UO3.Visible = False
UO4.Visible = False
UO1.Visible = False
UO6.Visible = False
UO7.Visible = False
UO8.Visible = False
UO9.Visible = False
UO10.Visible = False
MPI2.Visible = False
MPI3.Visible = False
MPI4.Visible = False
MPI1.Visible = False
MPI6.Visible = False
MPI7.Visible = False
MPI8.Visible = False
MPI9.Visible = False
MPI10.Visible = False
Y2.Visible = False
Y3.Visible = False
Y4.Visible = False
Y1.Visible = False
Y6.Visible = False
Y7.Visible = False
Y8.Visible = False
Y9.Visible = False
Y10.Visible = False
Label35.Visible = True
editmode.Visible = False
Label35.Top = 252
edit.Visible = False
End If

If d6 = True Then
editinsert.Visible = True
d2.Visible = False
d3.Visible = False
d4.Visible = False
d5.Visible = False
d1.Visible = False
d7.Visible = False
d8.Visible = False
d9.Visible = False
d10.Visible = False
c2.Visible = False
c3.Visible = False
c4.Visible = False
c5.Visible = False
c1.Visible = False
c7.Visible = False
c8.Visible = False
c9.Visible = False
c10.Visible = False
H2.Visible = False
H3.Visible = False
H4.Visible = False
H5.Visible = False
H1.Visible = False
H7.Visible = False
H8.Visible = False
H9.Visible = False
H10.Visible = False
MM2.Visible = False
MM3.Visible = False
MM4.Visible = False
MM5.Visible = False
MM1.Visible = False
MM7.Visible = False
MM8.Visible = False
MM9.Visible = False
```

```
MM10.Visible = False
NGI2.Visible = False
NGI3.Visible = False
NGI4.Visible = False
NGI5.Visible = False
NGI1.Visible = False
NGI7.Visible = False
NGI8.Visible = False
NGI9.Visible = False
NGI10.Visible = False
LL2.Visible = False
LL3.Visible = False
LL4.Visible = False
LL5.Visible = False
LL1.Visible = False
LL7.Visible = False
LL8.Visible = False
LL9.Visible = False
LL10.Visible = False
PI2.Visible = False
PI3.Visible = False
PI4.Visible = False
PI5.Visible = False
PI1.Visible = False
PI7.Visible = False
PI8.Visible = False
PI9.Visible = False
PI10.Visible = False
PT2.Visible = False
PT3.Visible = False
PT4.Visible = False
PT5.Visible = False
PT1.Visible = False
PT7.Visible = False
PT8.Visible = False
PT9.Visible = False
PT10.Visible = False
M2.Visible = False
M3.Visible = False
M4.Visible = False
M5.Visible = False
M1.Visible = False
M7.Visible = False
M8.Visible = False
M9.Visible = False
M10.Visible = False
O2.Visible = False
O3.Visible = False
O4.Visible = False
O5.Visible = False
O1.Visible = False
O7.Visible = False
O8.Visible = False
O9.Visible = False
O10.Visible = False
P2.Visible = False
P3.Visible = False
P4.Visible = False
P5.Visible = False
P1.Visible = False
P7.Visible = False
P8.Visible = False
P9.Visible = False
P10.Visible = False
MD2.Visible = False
MD3.Visible = False
MD4.Visible = False
MD5.Visible = False
MD1.Visible = False
MD7.Visible = False
MD8.Visible = False
MD9.Visible = False
MD10.Visible = False
MO2.Visible = False
MO3.Visible = False
MO4.Visible = False
MO5.Visible = False
MO1.Visible = False
MO7.Visible = False
MO8.Visible = False
MO9.Visible = False
```

```
MO10.Visible = False
U2.Visible = False
U3.Visible = False
U4.Visible = False
U5.Visible = False
U1.Visible = False
U7.Visible = False
U8.Visible = False
U9.Visible = False
U10.Visible = False
UO2.Visible = False
UO3.Visible = False
UO4.Visible = False
UO5.Visible = False
UO1.Visible = False
UO7.Visible = False
UO8.Visible = False
UO9.Visible = False
UO10.Visible = False
MPI2.Visible = False
MPI3.Visible = False
MPI4.Visible = False
MPI5.Visible = False
MPI1.Visible = False
MPI7.Visible = False
MPI8.Visible = False
MPI9.Visible = False
MPI10.Visible = False
Y2.Visible = False
Y3.Visible = False
Y4.Visible = False
Y5.Visible = False
Y1.Visible = False
Y7.Visible = False
Y8.Visible = False
Y9.Visible = False
Y10.Visible = False
Label35.Visible = True
editmode.Visible = False
Label35.Top = 252
edit.Visible = False
End If

If d7 = True Then
editinsert.Visible = True
d2.Visible = False
d3.Visible = False
d4.Visible = False
d5.Visible = False
d6.Visible = False
d1.Visible = False
d8.Visible = False
d9.Visible = False
d10.Visible = False
c2.Visible = False
c3.Visible = False
c4.Visible = False
c5.Visible = False
c6.Visible = False
c1.Visible = False
c8.Visible = False
c9.Visible = False
c10.Visible = False
H2.Visible = False
H3.Visible = False
H4.Visible = False
H5.Visible = False
H6.Visible = False
H1.Visible = False
H8.Visible = False
H9.Visible = False
H10.Visible = False
MM2.Visible = False
MM3.Visible = False
MM4.Visible = False
MM5.Visible = False
MM6.Visible = False
MM1.Visible = False
MM8.Visible = False
MM9.Visible = False
MM10.Visible = False
```

```
NGI2.Visible = False
NGI3.Visible = False
NGI4.Visible = False
NGI5.Visible = False
NGI6.Visible = False
NGI1.Visible = False
NGI8.Visible = False
NGI9.Visible = False
NGI10.Visible = False
LL2.Visible = False
LL3.Visible = False
LL4.Visible = False
LL5.Visible = False
LL6.Visible = False
LL1.Visible = False
LL8.Visible = False
LL9.Visible = False
LL10.Visible = False
PI2.Visible = False
PI3.Visible = False
PI4.Visible = False
PI5.Visible = False
PI6.Visible = False
PI1.Visible = False
PI8.Visible = False
PI9.Visible = False
PI10.Visible = False
PT2.Visible = False
PT3.Visible = False
PT4.Visible = False
PT5.Visible = False
PT6.Visible = False
PT1.Visible = False
PT8.Visible = False
PT9.Visible = False
PT10.Visible = False
M2.Visible = False
M3.Visible = False
M4.Visible = False
M5.Visible = False
M6.Visible = False
M1.Visible = False
M8.Visible = False
M9.Visible = False
M10.Visible = False
O2.Visible = False
O3.Visible = False
O4.Visible = False
O5.Visible = False
O6.Visible = False
O1.Visible = False
O8.Visible = False
O9.Visible = False
O10.Visible = False
P2.Visible = False
P3.Visible = False
P4.Visible = False
P5.Visible = False
P6.Visible = False
P1.Visible = False
P8.Visible = False
P9.Visible = False
P10.Visible = False
MD2.Visible = False
MD3.Visible = False
MD4.Visible = False
MD5.Visible = False
MD6.Visible = False
MD1.Visible = False
MD8.Visible = False
MD9.Visible = False
MD10.Visible = False
MO2.Visible = False
MO3.Visible = False
MO4.Visible = False
MO5.Visible = False
MO6.Visible = False
MO1.Visible = False
MO8.Visible = False
MO9.Visible = False
MO10.Visible = False
```

```
U2.Visible = False
U3.Visible = False
U4.Visible = False
U5.Visible = False
U6.Visible = False
U1.Visible = False
U8.Visible = False
U9.Visible = False
U10.Visible = False
UO2.Visible = False
UO3.Visible = False
UO4.Visible = False
UO5.Visible = False
UO6.Visible = False
UO1.Visible = False
UO8.Visible = False
UO9.Visible = False
UO10.Visible = False
MPI2.Visible = False
MPI3.Visible = False
MPI4.Visible = False
MPI5.Visible = False
MPI6.Visible = False
MPI1.Visible = False
MPI8.Visible = False
MPI9.Visible = False
MPI10.Visible = False
Y2.Visible = False
Y3.Visible = False
Y4.Visible = False
Y5.Visible = False
Y6.Visible = False
Y1.Visible = False
Y8.Visible = False
Y9.Visible = False
Y10.Visible = False
Label35.Visible = True
Label35.Top = 144
edit.Visible = False
editmode.Visible = False
End If

If d8 = True Then
editinsert.Visible = True
d2.Visible = False
d3.Visible = False
d4.Visible = False
d5.Visible = False
d6.Visible = False
d7.Visible = False
d1.Visible = False
d9.Visible = False
d10.Visible = False
c2.Visible = False
c3.Visible = False
c4.Visible = False
c5.Visible = False
c6.Visible = False
c7.Visible = False
c1.Visible = False
c9.Visible = False
c10.Visible = False
H2.Visible = False
H3.Visible = False
H4.Visible = False
H5.Visible = False
H6.Visible = False
H7.Visible = False
H1.Visible = False
H9.Visible = False
H10.Visible = False
MM2.Visible = False
MM3.Visible = False
MM4.Visible = False
MM5.Visible = False
MM6.Visible = False
MM7.Visible = False
MM1.Visible = False
MM9.Visible = False
MM10.Visible = False
NGI2.Visible = False
```

```
NGI3.Visible = False
NGI4.Visible = False
NGI5.Visible = False
NGI6.Visible = False
NGI7.Visible = False
NGI1.Visible = False
NGI9.Visible = False
NGI10.Visible = False
LL2.Visible = False
LL3.Visible = False
LL4.Visible = False
LL5.Visible = False
LL6.Visible = False
LL7.Visible = False
LL1.Visible = False
LL9.Visible = False
LL10.Visible = False
PI2.Visible = False
PI3.Visible = False
PI4.Visible = False
PI5.Visible = False
PI6.Visible = False
PI7.Visible = False
PI1.Visible = False
PI9.Visible = False
PI10.Visible = False
PT2.Visible = False
PT3.Visible = False
PT4.Visible = False
PT5.Visible = False
PT6.Visible = False
PT7.Visible = False
PT1.Visible = False
PT9.Visible = False
PT10.Visible = False
M2.Visible = False
M3.Visible = False
M4.Visible = False
M5.Visible = False
M6.Visible = False
M7.Visible = False
M1.Visible = False
M9.Visible = False
M10.Visible = False
O2.Visible = False
O3.Visible = False
O4.Visible = False
O5.Visible = False
O6.Visible = False
O7.Visible = False
O1.Visible = False
O9.Visible = False
O10.Visible = False
P2.Visible = False
P3.Visible = False
P4.Visible = False
P5.Visible = False
P6.Visible = False
P7.Visible = False
P1.Visible = False
P9.Visible = False
P10.Visible = False
MD2.Visible = False
MD3.Visible = False
MD4.Visible = False
MD5.Visible = False
MD6.Visible = False
MD7.Visible = False
MD1.Visible = False
MD9.Visible = False
MD10.Visible = False
MO2.Visible = False
MO3.Visible = False
MO4.Visible = False
MO5.Visible = False
MO6.Visible = False
MO7.Visible = False
MO1.Visible = False
MO9.Visible = False
MO10.Visible = False
U2.Visible = False
```

```
U3.Visible = False
U4.Visible = False
U5.Visible = False
U6.Visible = False
U7.Visible = False
U1.Visible = False
U9.Visible = False
U10.Visible = False
UO2.Visible = False
UO3.Visible = False
UO4.Visible = False
UO5.Visible = False
UO6.Visible = False
UO7.Visible = False
UO1.Visible = False
UO9.Visible = False
UO10.Visible = False
MPI2.Visible = False
MPI3.Visible = False
MPI4.Visible = False
MPI5.Visible = False
MPI6.Visible = False
MPI7.Visible = False
MPI1.Visible = False
MPI9.Visible = False
MPI10.Visible = False
Y2.Visible = False
Y3.Visible = False
Y4.Visible = False
Y5.Visible = False
Y6.Visible = False
Y7.Visible = False
Y1.Visible = False
Y9.Visible = False
Y10.Visible = False
Label35.Visible = True
Label35.Top = 144
edit.Visible = False
editmode.Visible = False
End If

If d9 = True Then
editinsert.Visible = True
d2.Visible = False
d3.Visible = False
d4.Visible = False
d5.Visible = False
d6.Visible = False
d7.Visible = False
d8.Visible = False
d1.Visible = False
d10.Visible = False
c2.Visible = False
c3.Visible = False
c4.Visible = False
c5.Visible = False
c6.Visible = False
c7.Visible = False
c8.Visible = False
c1.Visible = False
c10.Visible = False
H2.Visible = False
H3.Visible = False
H4.Visible = False
H5.Visible = False
H6.Visible = False
H7.Visible = False
H8.Visible = False
H1.Visible = False
H10.Visible = False
MM2.Visible = False
MM3.Visible = False
MM4.Visible = False
MM5.Visible = False
MM6.Visible = False
MM7.Visible = False
MM8.Visible = False
MM1.Visible = False
MM10.Visible = False
NGI2.Visible = False
NGI3.Visible = False
```

```
NGI4.Visible = False
NGI5.Visible = False
NGI6.Visible = False
NGI7.Visible = False
NGI8.Visible = False
NGI1.Visible = False
NGI10.Visible = False
LL2.Visible = False
LL3.Visible = False
LL4.Visible = False
LL5.Visible = False
LL6.Visible = False
LL7.Visible = False
LL8.Visible = False
LL1.Visible = False
LL10.Visible = False
PI2.Visible = False
PI3.Visible = False
PI4.Visible = False
PI5.Visible = False
PI6.Visible = False
PI7.Visible = False
PI8.Visible = False
PI1.Visible = False
PI10.Visible = False
PT2.Visible = False
PT3.Visible = False
PT4.Visible = False
PT5.Visible = False
PT6.Visible = False
PT7.Visible = False
PT8.Visible = False
PT1.Visible = False
PT10.Visible = False
M2.Visible = False
M3.Visible = False
M4.Visible = False
M5.Visible = False
M6.Visible = False
M7.Visible = False
M8.Visible = False
M1.Visible = False
M10.Visible = False
O2.Visible = False
O3.Visible = False
O4.Visible = False
O5.Visible = False
O6.Visible = False
O7.Visible = False
O8.Visible = False
O1.Visible = False
O10.Visible = False
P2.Visible = False
P3.Visible = False
P4.Visible = False
P5.Visible = False
P6.Visible = False
P7.Visible = False
P8.Visible = False
P1.Visible = False
P10.Visible = False
MD2.Visible = False
MD3.Visible = False
MD4.Visible = False
MD5.Visible = False
MD6.Visible = False
MD7.Visible = False
MD8.Visible = False
MD1.Visible = False
MD10.Visible = False
MO2.Visible = False
MO3.Visible = False
MO4.Visible = False
MO5.Visible = False
MO6.Visible = False
MO7.Visible = False
MO8.Visible = False
MO1.Visible = False
MO10.Visible = False
U2.Visible = False
U3.Visible = False
```

```
U4.Visible = False
U5.Visible = False
U6.Visible = False
U7.Visible = False
U8.Visible = False
U1.Visible = False
U10.Visible = False
UO2.Visible = False
UO3.Visible = False
UO4.Visible = False
UO5.Visible = False
UO6.Visible = False
UO7.Visible = False
UO8.Visible = False
UO1.Visible = False
UO10.Visible = False
MPI2.Visible = False
MPI3.Visible = False
MPI4.Visible = False
MPI5.Visible = False
MPI6.Visible = False
MPI7.Visible = False
MPI8.Visible = False
MPI1.Visible = False
MPI10.Visible = False
Y2.Visible = False
Y3.Visible = False
Y4.Visible = False
Y5.Visible = False
Y6.Visible = False
Y7.Visible = False
Y8.Visible = False
Y1.Visible = False
Y10.Visible = False
Label35.Visible = True
Label35.Top = 144
edit.Visible = False
editmode.Visible = False
End If

If d10 = True Then
editinsert.Visible = True
d2.Visible = False
d3.Visible = False
d4.Visible = False
d5.Visible = False
d6.Visible = False
d7.Visible = False
d8.Visible = False
d9.Visible = False
d1.Visible = False
c2.Visible = False
c3.Visible = False
c4.Visible = False
c5.Visible = False
c6.Visible = False
c7.Visible = False
c8.Visible = False
c9.Visible = False
c1.Visible = False
H2.Visible = False
H3.Visible = False
H4.Visible = False
H5.Visible = False
H6.Visible = False
H7.Visible = False
H8.Visible = False
H9.Visible = False
H1.Visible = False
MM2.Visible = False
MM3.Visible = False
MM4.Visible = False
MM5.Visible = False
MM6.Visible = False
MM7.Visible = False
MM8.Visible = False
MM9.Visible = False
MM1.Visible = False
NGI2.Visible = False
NGI3.Visible = False
NGI4.Visible = False
```

```
NGI5.Visible = False
NGI6.Visible = False
NGI7.Visible = False
NGI8.Visible = False
NGI9.Visible = False
NGI1.Visible = False
LL2.Visible = False
LL3.Visible = False
LL4.Visible = False
LL5.Visible = False
LL6.Visible = False
LL7.Visible = False
LL8.Visible = False
LL9.Visible = False
LL1.Visible = False
PI2.Visible = False
PI3.Visible = False
PI4.Visible = False
PI5.Visible = False
PI6.Visible = False
PI7.Visible = False
PI8.Visible = False
PI9.Visible = False
PI1.Visible = False
PT2.Visible = False
PT3.Visible = False
PT4.Visible = False
PT5.Visible = False
PT6.Visible = False
PT7.Visible = False
PT8.Visible = False
PT9.Visible = False
PT1.Visible = False
M2.Visible = False
M3.Visible = False
M4.Visible = False
M5.Visible = False
M6.Visible = False
M7.Visible = False
M8.Visible = False
M9.Visible = False
M1.Visible = False
O2.Visible = False
O3.Visible = False
O4.Visible = False
O5.Visible = False
O6.Visible = False
O7.Visible = False
O8.Visible = False
O9.Visible = False
O1.Visible = False
P2.Visible = False
P3.Visible = False
P4.Visible = False
P5.Visible = False
P6.Visible = False
P7.Visible = False
P8.Visible = False
P9.Visible = False
P1.Visible = False
MD2.Visible = False
MD3.Visible = False
MD4.Visible = False
MD5.Visible = False
MD6.Visible = False
MD7.Visible = False
MD8.Visible = False
MD9.Visible = False
MD1.Visible = False
MO2.Visible = False
MO3.Visible = False
MO4.Visible = False
MO5.Visible = False
MO6.Visible = False
MO7.Visible = False
MO8.Visible = False
MO9.Visible = False
MO1.Visible = False
U2.Visible = False
U3.Visible = False
U4.Visible = False
```

```
        U5.Visible = False
        U6.Visible = False
        U7.Visible = False
        U8.Visible = False
        U9.Visible = False
        U1.Visible = False
        UO2.Visible = False
        UO3.Visible = False
        UO4.Visible = False
        UO5.Visible = False
        UO6.Visible = False
        UO7.Visible = False
        UO8.Visible = False
        UO9.Visible = False
        UO1.Visible = False
        MPI2.Visible = False
        MPI3.Visible = False
        MPI4.Visible = False
        MPI5.Visible = False
        MPI6.Visible = False
        MPI7.Visible = False
        MPI8.Visible = False
        MPI9.Visible = False
        MPI1.Visible = False
        Y2.Visible = False
        Y3.Visible = False
        Y4.Visible = False
        Y5.Visible = False
        Y6.Visible = False
        Y7.Visible = False
        Y8.Visible = False
        Y9.Visible = False
        Y1.Visible = False
        Label35.Visible = True
        Label35.Top = 144
        edit.Visible = False
        editmode.Visible = False
        End If
        End If
End Sub
Public Sub CLEARFORM()        'THIS CODE CLEARS ALL VALUES IN INPUT BOXES
    With data
    'CLEAR VALUES
        .c1.Value = ""
        .c2.Text = ""
        .c3.Text = ""
        .c4.Text = ""
        .c5.Text = ""
        .c6.Text = ""
        .c7.Text = ""
        .c8.Text = ""
        .c9.Text = ""
        .c10.Text = ""
        .H1.Value = ""
        .H2.Value = ""
        .H3.Value = ""
        .H4.Value = ""
        .H5.Value = ""
        .H6.Value = ""
        .H7.Value = ""
        .H8.Value = ""
        .H9.Value = ""
        .H10.Value = ""
        .MM1.Value = ""
        .MM2.Value = ""
        .MM3.Value = ""
        .MM4.Value = ""
        .MM5.Value = ""
        .MM6.Value = ""
        .MM7.Value = ""
        .MM8.Value = ""
        .MM9.Value = ""
        .MM10.Value = ""
        .NGI1.Value = ""
        .NGI2.Value = ""
        .NGI3.Value = ""
        .NGI4.Value = ""
        .NGI5.Value = ""
        .NGI6.Value = ""
        .NGI7.Value = ""
        .NGI8.Value = ""
```

```
.NGI9.Value = ""
.NGI10.Value = ""
.LL1.Value = ""
.LL2.Value = ""
.LL3.Value = ""
.LL4.Value = ""
.LL5.Value = ""
.LL6.Value = ""
.LL7.Value = ""
.LL8.Value = ""
.LL9.Value = ""
.LL10.Value = ""
.PI1.Value = ""
.PI2.Value = ""
.PI3.Value = ""
.PI4.Value = ""
.PI5.Value = ""
.PI6.Value = ""
.PI7.Value = ""
.PI8.Value = ""
.PI9.Value = ""
.PI10.Value = ""
.PT1.Value = ""
.PT2.Value = ""
.PT3.Value = ""
.PT4.Value = ""
.PT5.Value = ""
.PT6.Value = ""
.PT7.Value = ""
.PT8.Value = ""
.PT9.Value = ""
.PT10.Value = ""
.M1.Value = ""
.M2.Value = ""
.M3.Value = ""
.M4.Value = ""
.M5.Value = ""
.M6.Value = ""
.M7.Value = ""
.M8.Value = ""
.M9.Value = ""
.M10.Value = ""
.O1.Value = ""
.O2.Value = ""
.O3.Value = ""
.O4.Value = ""
.O5.Value = ""
.O6.Value = ""
.O7.Value = ""
.O8.Value = ""
.O9.Value = ""
.O10.Value = ""
.P1.Value = ""
.P2.Value = ""
.P3.Value = ""
.P4.Value = ""
.P5.Value = ""
.P6.Value = ""
.P7.Value = ""
.P8.Value = ""
.P9.Value = ""
.P10.Value = ""
.MPI1.Value = ""
.MPI2.Value = ""
.MPI3.Value = ""
.MPI4.Value = ""
.MPI5.Value = ""
.MPI6.Value = ""
.MPI7.Value = ""
.MPI8.Value = ""
.MPI9.Value = ""
.MPI10.Value = ""
.MD1.Value = ""
.MD2.Value = ""
.MD3.Value = ""
.MD4.Value = ""
.MD5.Value = ""
.MD6.Value = ""
.MD7.Value = ""
.MD8.Value = ""
.MD9.Value = ""
```

```
        .MD10.Value = ""
        .MO1.Value = ""
        .MO2.Value = ""
        .MO3.Value = ""
        .MO4.Value = ""
        .MO5.Value = ""
        .MO6.Value = ""
        .MO7.Value = ""
        .MO8.Value = ""
        .MO9.Value = ""
        .MO10.Value = ""
        .U1.Value = ""
        .U2.Value = ""
        .U3.Value = ""
        .U4.Value = ""
        .U5.Value = ""
        .U6.Value = ""
        .U7.Value = ""
        .U8.Value = ""
        .U9.Value = ""
        .U10.Value = ""
        .UO1.Value = ""
        .UO2.Value = ""
        .UO3.Value = ""
        .UO4.Value = ""
        .UO5.Value = ""
        .UO6.Value = ""
        .UO7.Value = ""
        .UO8.Value = ""
        .UO9.Value = ""
        .UO10.Value = ""
        .Y1.Value = ""
        .Y2.Value = ""
        .Y3.Value = ""
        .Y4.Value = ""
        .Y5.Value = ""
        .Y6.Value = ""
        .Y7.Value = ""
        .Y8.Value = ""
        .Y9.Value = ""
        .Y10.Value = ""



    End With

End Sub
Public Sub SHOWFLYASH()    'THIS CODE TAKES DATA FROM SPREADSHEET TO USERFORM FOR FLYASH
   'Dim ROW As Integer
            'works on the flyash data sheet2
            'Data for Control Number
            data.c1.Value = Sheet2.Range("z" & (row)).Value
            data.c2.Text = Sheet2.Range("z" & (row + 1)).Value
            data.c3.Text = Sheet2.Range("z" & (row + 2)).Value
            data.c4.Text = Sheet2.Range("z" & (row + 3)).Value
            data.c5.Text = Sheet2.Range("z" & (row + 4)).Value
            data.c6.Text = Sheet2.Range("z" & (row + 5)).Value
            data.c7.Text = Sheet2.Range("z" & (row + 6)).Value
            data.c8.Text = Sheet2.Range("z" & (row + 7)).Value
            data.c9.Text = Sheet2.Range("z" & (row + 8)).Value
            data.c10.Text = Sheet2.Range("z" & (row + 9)).Value

            'Data for Highway
            data.H1.Value = Sheet2.Range("r" & (row)).Value
            data.H2.Text = Sheet2.Range("r" & (row + 1)).Value
            data.H3.Text = Sheet2.Range("r" & (row + 2)).Value
            data.H4.Text = Sheet2.Range("r" & (row + 3)).Value
            data.H5.Text = Sheet2.Range("r" & (row + 4)).Value
            data.H6.Text = Sheet2.Range("r" & (row + 5)).Value
            data.H7.Text = Sheet2.Range("r" & (row + 6)).Value
            data.H8.Text = Sheet2.Range("r" & (row + 7)).Value
            data.H9.Text = Sheet2.Range("r" & (row + 8)).Value
            data.H10.Text = Sheet2.Range("r" & (row + 9)).Value

            'Data for Mile Marker
            data.MM1.Value = Sheet2.Range("s" & (row)).Value
            data.MM2.Text = Sheet2.Range("s" & (row + 1)).Value
            data.MM3.Text = Sheet2.Range("s" & (row + 2)).Value
            data.MM4.Text = Sheet2.Range("s" & (row + 3)).Value
```

```
data.MM5.Text = Sheet2.Range("s" & (row + 4)).Value
data.MM6.Text = Sheet2.Range("s" & (row + 5)).Value
data.MM7.Text = Sheet2.Range("s" & (row + 6)).Value
data.MM8.Text = Sheet2.Range("s" & (row + 7)).Value
data.MM9.Text = Sheet2.Range("s" & (row + 8)).Value
data.MM10.Text = Sheet2.Range("s" & (row + 9)).Value

'Data for NGI
data.NGI1.Value = Sheet2.Range("t" & (row)).Value
data.NGI2.Text = Sheet2.Range("t" & (row + 1)).Value
data.NGI3.Text = Sheet2.Range("t" & (row + 2)).Value
data.NGI4.Text = Sheet2.Range("t" & (row + 3)).Value
data.NGI5.Text = Sheet2.Range("t" & (row + 4)).Value
data.NGI6.Text = Sheet2.Range("t" & (row + 5)).Value
data.NGI7.Text = Sheet2.Range("t" & (row + 6)).Value
data.NGI8.Text = Sheet2.Range("t" & (row + 7)).Value
data.NGI9.Text = Sheet2.Range("t" & (row + 8)).Value
data.NGI10.Text = Sheet2.Range("t" & (row + 9)).Value

'Data for LL
data.LL1.Value = Sheet2.Range("u" & (row)).Value
data.LL2.Text = Sheet2.Range("u" & (row + 1)).Value
data.LL3.Text = Sheet2.Range("u" & (row + 2)).Value
data.LL4.Text = Sheet2.Range("u" & (row + 3)).Value
data.LL5.Text = Sheet2.Range("u" & (row + 4)).Value
data.LL6.Text = Sheet2.Range("u" & (row + 5)).Value
data.LL7.Text = Sheet2.Range("u" & (row + 6)).Value
data.LL8.Text = Sheet2.Range("u" & (row + 7)).Value
data.LL9.Text = Sheet2.Range("u" & (row + 8)).Value
data.LL10.Text = Sheet2.Range("u" & (row + 9)).Value

'Data for PI
data.PI1.Value = Sheet2.Range("v" & (row)).Value
data.PI2.Text = Sheet2.Range("v" & (row + 1)).Value
data.PI3.Text = Sheet2.Range("v" & (row + 2)).Value
data.PI4.Text = Sheet2.Range("v" & (row + 3)).Value
data.PI5.Text = Sheet2.Range("v" & (row + 4)).Value
data.PI6.Text = Sheet2.Range("v" & (row + 5)).Value
data.PI7.Text = Sheet2.Range("v" & (row + 6)).Value
data.PI8.Text = Sheet2.Range("v" & (row + 7)).Value
data.PI9.Text = Sheet2.Range("v" & (row + 8)).Value
data.PI10.Text = Sheet2.Range("v" & (row + 9)).Value

'Data for Percent #200
data.PT1.Value = Sheet2.Range("w" & (row)).Value
data.PT2.Text = Sheet2.Range("w" & (row + 1)).Value
data.PT3.Text = Sheet2.Range("w" & (row + 2)).Value
data.PT4.Text = Sheet2.Range("w" & (row + 3)).Value
data.PT5.Text = Sheet2.Range("w" & (row + 4)).Value
data.PT6.Text = Sheet2.Range("w" & (row + 5)).Value
data.PT7.Text = Sheet2.Range("w" & (row + 6)).Value
data.PT8.Text = Sheet2.Range("w" & (row + 7)).Value
data.PT9.Text = Sheet2.Range("w" & (row + 8)).Value
data.PT10.Text = Sheet2.Range("w" & (row + 9)).Value

'Data for MLD
data.M1.Value = Sheet2.Range("x" & (row)).Value
data.M2.Text = Sheet2.Range("x" & (row + 1)).Value
data.M3.Text = Sheet2.Range("x" & (row + 2)).Value
data.M4.Text = Sheet2.Range("x" & (row + 3)).Value
data.M5.Text = Sheet2.Range("x" & (row + 4)).Value
data.M6.Text = Sheet2.Range("x" & (row + 5)).Value
data.M7.Text = Sheet2.Range("x" & (row + 6)).Value
data.M8.Text = Sheet2.Range("x" & (row + 7)).Value
data.M9.Text = Sheet2.Range("x" & (row + 8)).Value
data.M10.Text = Sheet2.Range("x" & (row + 9)).Value

'Data for MLD OMC
data.O1.Value = Sheet2.Range("y" & (row)).Value
data.O2.Text = Sheet2.Range("y" & (row + 1)).Value
data.O3.Text = Sheet2.Range("y" & (row + 2)).Value
data.O4.Text = Sheet2.Range("y" & (row + 3)).Value
data.O5.Text = Sheet2.Range("y" & (row + 4)).Value
data.O6.Text = Sheet2.Range("y" & (row + 5)).Value
data.O7.Text = Sheet2.Range("y" & (row + 6)).Value
data.O8.Text = Sheet2.Range("y" & (row + 7)).Value
data.O9.Text = Sheet2.Range("y" & (row + 8)).Value
data.O10.Text = Sheet2.Range("y" & (row + 9)).Value

'Data for PERCENT ADD
data.P1.Value = Sheet2.Range("ab" & (row)).Value
```

```
data.P2.Text = Sheet2.Range("ab" & (row + 1)).Value
data.P3.Text = Sheet2.Range("ab" & (row + 2)).Value
data.P4.Text = Sheet2.Range("ab" & (row + 3)).Value
data.P5.Text = Sheet2.Range("ab" & (row + 4)).Value
data.P6.Text = Sheet2.Range("ab" & (row + 5)).Value
data.P7.Text = Sheet2.Range("ab" & (row + 6)).Value
data.P8.Text = Sheet2.Range("ab" & (row + 7)).Value
data.P9.Text = Sheet2.Range("ab" & (row + 8)).Value
data.P10.Text = Sheet2.Range("ab" & (row + 9)).Value

'Data for MODIFIED PI
data.MPI1.Value = Sheet2.Range("aG" & (row)).Value
data.MPI2.Text = Sheet2.Range("aG" & (row + 1)).Value
data.MPI3.Text = Sheet2.Range("aG" & (row + 2)).Value
data.MPI4.Text = Sheet2.Range("aG" & (row + 3)).Value
data.MPI5.Text = Sheet2.Range("aG" & (row + 4)).Value
data.MPI6.Text = Sheet2.Range("aG" & (row + 5)).Value
data.MPI7.Text = Sheet2.Range("aG" & (row + 6)).Value
data.MPI8.Text = Sheet2.Range("aG" & (row + 7)).Value
data.MPI9.Text = Sheet2.Range("aG" & (row + 8)).Value
data.MPI10.Text = Sheet2.Range("aG" & (row + 9)).Value

'Data for MODIFIED MLD
data.MD1.Value = Sheet2.Range("aC" & (row)).Value
data.MD2.Text = Sheet2.Range("aC" & (row + 1)).Value
data.MD3.Text = Sheet2.Range("aC" & (row + 2)).Value
data.MD4.Text = Sheet2.Range("aC" & (row + 3)).Value
data.MD5.Text = Sheet2.Range("aC" & (row + 4)).Value
data.MD6.Text = Sheet2.Range("aC" & (row + 5)).Value
data.MD7.Text = Sheet2.Range("aC" & (row + 6)).Value
data.MD8.Text = Sheet2.Range("aC" & (row + 7)).Value
data.MD9.Text = Sheet2.Range("aC" & (row + 8)).Value
data.MD10.Text = Sheet2.Range("aC" & (row + 9)).Value

'Data for MODIFIED OMC
data.MO1.Value = Sheet2.Range("aD" & (row)).Value
data.MO2.Text = Sheet2.Range("aD" & (row + 1)).Value
data.MO3.Text = Sheet2.Range("aD" & (row + 2)).Value
data.MO4.Text = Sheet2.Range("aD" & (row + 3)).Value
data.MO5.Text = Sheet2.Range("aD" & (row + 4)).Value
data.MO6.Text = Sheet2.Range("aD" & (row + 5)).Value
data.MO7.Text = Sheet2.Range("aD" & (row + 6)).Value
data.MO8.Text = Sheet2.Range("aD" & (row + 7)).Value
data.MO9.Text = Sheet2.Range("aD" & (row + 8)).Value
data.MO10.Text = Sheet2.Range("aD" & (row + 9)).Value

'Data for UCS
data.U1.Value = Sheet2.Range("aE" & (row)).Value
data.U2.Text = Sheet2.Range("aE" & (row + 1)).Value
data.U3.Text = Sheet2.Range("aE" & (row + 2)).Value
data.U4.Text = Sheet2.Range("aE" & (row + 3)).Value
data.U5.Text = Sheet2.Range("aE" & (row + 4)).Value
data.U6.Text = Sheet2.Range("aE" & (row + 5)).Value
data.U7.Text = Sheet2.Range("aE" & (row + 6)).Value
data.U8.Text = Sheet2.Range("aE" & (row + 7)).Value
data.U9.Text = Sheet2.Range("aE" & (row + 8)).Value
data.U10.Text = Sheet2.Range("aE" & (row + 9)).Value

'Data for UCS OMC
data.UO1.Value = Sheet2.Range("aF" & (row)).Value
data.UO2.Text = Sheet2.Range("aF" & (row + 1)).Value
data.UO3.Text = Sheet2.Range("aF" & (row + 2)).Value
data.UO4.Text = Sheet2.Range("aF" & (row + 3)).Value
data.UO5.Text = Sheet2.Range("aF" & (row + 4)).Value
data.UO6.Text = Sheet2.Range("aF" & (row + 5)).Value
data.UO7.Text = Sheet2.Range("aF" & (row + 6)).Value
data.UO8.Text = Sheet2.Range("aF" & (row + 7)).Value
data.UO9.Text = Sheet2.Range("aF" & (row + 8)).Value
data.UO10.Text = Sheet2.Range("aF" & (row + 9)).Value

'Data for YEAR
data.Y1.Value = Sheet2.Range("ah" & (row)).Value
data.Y2.Text = Sheet2.Range("ah" & (row + 1)).Value
data.Y3.Text = Sheet2.Range("ah" & (row + 2)).Value
data.Y4.Text = Sheet2.Range("ah" & (row + 3)).Value
data.Y5.Text = Sheet2.Range("ah" & (row + 4)).Value
data.Y6.Text = Sheet2.Range("ah" & (row + 5)).Value
data.Y7.Text = Sheet2.Range("ah" & (row + 6)).Value
data.Y8.Text = Sheet2.Range("ah" & (row + 7)).Value
data.Y9.Text = Sheet2.Range("ah" & (row + 8)).Value
data.Y10.Text = Sheet2.Range("ah" & (row + 9)).Value
```

```
End Sub
Public Sub SHOWCKD()     'THIS CODE TAKES DATA FROM SPREADSHEET TO USERFORM FOR CKD
 'Dim row As Integer
            'works on the CKD data sheet6
            'Data for Control Number
            data.c1.Value = Sheet6.Range("z" & (row)).Value
            data.c2.Text = Sheet6.Range("z" & (row + 1)).Value
            data.c3.Text = Sheet6.Range("z" & (row + 2)).Value
            data.c4.Text = Sheet6.Range("z" & (row + 3)).Value
            data.c5.Text = Sheet6.Range("z" & (row + 4)).Value
            data.c6.Text = Sheet6.Range("z" & (row + 5)).Value
            data.c7.Text = Sheet6.Range("z" & (row + 6)).Value
            data.c8.Text = Sheet6.Range("z" & (row + 7)).Value
            data.c9.Text = Sheet6.Range("z" & (row + 8)).Value
            data.c10.Text = Sheet6.Range("z" & (row + 9)).Value


           'Data for Highway
            data.H1.Value = Sheet6.Range("r" & (row)).Value
            data.H2.Text = Sheet6.Range("r" & (row + 1)).Value
            data.H3.Text = Sheet6.Range("r" & (row + 2)).Value
            data.H4.Text = Sheet6.Range("r" & (row + 3)).Value
            data.H5.Text = Sheet6.Range("r" & (row + 4)).Value
            data.H6.Text = Sheet6.Range("r" & (row + 5)).Value
            data.H7.Text = Sheet6.Range("r" & (row + 6)).Value
            data.H8.Text = Sheet6.Range("r" & (row + 7)).Value
            data.H9.Text = Sheet6.Range("r" & (row + 8)).Value
            data.H10.Text = Sheet6.Range("r" & (row + 9)).Value
            'Data for Mile Marker
            data.MM1.Value = Sheet6.Range("s" & (row)).Value
            data.MM2.Text = Sheet6.Range("s" & (row + 1)).Value
            data.MM3.Text = Sheet6.Range("s" & (row + 2)).Value
            data.MM4.Text = Sheet6.Range("s" & (row + 3)).Value
            data.MM5.Text = Sheet6.Range("s" & (row + 4)).Value
            data.MM6.Text = Sheet6.Range("s" & (row + 5)).Value
            data.MM7.Text = Sheet6.Range("s" & (row + 6)).Value
            data.MM8.Text = Sheet6.Range("s" & (row + 7)).Value
            data.MM9.Text = Sheet6.Range("s" & (row + 8)).Value
            data.MM10.Text = Sheet6.Range("s" & (row + 9)).Value
            'Data for NGI
            data.NGI1.Value = Sheet6.Range("t" & (row)).Value
            data.NGI2.Text = Sheet6.Range("t" & (row + 1)).Value
            data.NGI3.Text = Sheet6.Range("t" & (row + 2)).Value
            data.NGI4.Text = Sheet6.Range("t" & (row + 3)).Value
            data.NGI5.Text = Sheet6.Range("t" & (row + 4)).Value
            data.NGI6.Text = Sheet6.Range("t" & (row + 5)).Value
            data.NGI7.Text = Sheet6.Range("t" & (row + 6)).Value
            data.NGI8.Text = Sheet6.Range("t" & (row + 7)).Value
            data.NGI9.Text = Sheet6.Range("t" & (row + 8)).Value
            data.NGI10.Text = Sheet6.Range("t" & (row + 9)).Value
            'Data for LL
            data.LL1.Value = Sheet6.Range("u" & (row)).Value
            data.LL2.Text = Sheet6.Range("u" & (row + 1)).Value
            data.LL3.Text = Sheet6.Range("u" & (row + 2)).Value
            data.LL4.Text = Sheet6.Range("u" & (row + 3)).Value
            data.LL5.Text = Sheet6.Range("u" & (row + 4)).Value
            data.LL6.Text = Sheet6.Range("u" & (row + 5)).Value
            data.LL7.Text = Sheet6.Range("u" & (row + 6)).Value
            data.LL8.Text = Sheet6.Range("u" & (row + 7)).Value
            data.LL9.Text = Sheet6.Range("u" & (row + 8)).Value
            data.LL10.Text = Sheet6.Range("u" & (row + 9)).Value
            'Data for PI
            data.PI1.Value = Sheet6.Range("v" & (row)).Value
            data.PI2.Text = Sheet6.Range("v" & (row + 1)).Value
            data.PI3.Text = Sheet6.Range("v" & (row + 2)).Value
            data.PI4.Text = Sheet6.Range("v" & (row + 3)).Value
            data.PI5.Text = Sheet6.Range("v" & (row + 4)).Value
            data.PI6.Text = Sheet6.Range("v" & (row + 5)).Value
            data.PI7.Text = Sheet6.Range("v" & (row + 6)).Value
            data.PI8.Text = Sheet6.Range("v" & (row + 7)).Value
            data.PI9.Text = Sheet6.Range("v" & (row + 8)).Value
            data.PI10.Text = Sheet6.Range("v" & (row + 9)).Value
            'Data for Percent #200
            data.PT1.Value = Sheet6.Range("w" & (row)).Value
            data.PT2.Text = Sheet6.Range("w" & (row + 1)).Value
            data.PT3.Text = Sheet6.Range("w" & (row + 2)).Value
            data.PT4.Text = Sheet6.Range("w" & (row + 3)).Value
            data.PT5.Text = Sheet6.Range("w" & (row + 4)).Value
            data.PT6.Text = Sheet6.Range("w" & (row + 5)).Value
```

```
data.PT7.Text = Sheet6.Range("w" & (row + 6)).Value
data.PT8.Text = Sheet6.Range("w" & (row + 7)).Value
data.PT9.Text = Sheet6.Range("w" & (row + 8)).Value
data.PT10.Text = Sheet6.Range("w" & (row + 9)).Value
'Data for MLD
data.M1.Value = Sheet6.Range("x" & (row)).Value
data.M2.Text = Sheet6.Range("x" & (row + 1)).Value
data.M3.Text = Sheet6.Range("x" & (row + 2)).Value
data.M4.Text = Sheet6.Range("x" & (row + 3)).Value
data.M5.Text = Sheet6.Range("x" & (row + 4)).Value
data.M6.Text = Sheet6.Range("x" & (row + 5)).Value
data.M7.Text = Sheet6.Range("x" & (row + 6)).Value
data.M8.Text = Sheet6.Range("x" & (row + 7)).Value
data.M9.Text = Sheet6.Range("x" & (row + 8)).Value
data.M10.Text = Sheet6.Range("x" & (row + 9)).Value
'Data for MLD OMC
data.O1.Value = Sheet6.Range("y" & (row)).Value
data.O2.Text = Sheet6.Range("y" & (row + 1)).Value
data.O3.Text = Sheet6.Range("y" & (row + 2)).Value
data.O4.Text = Sheet6.Range("y" & (row + 3)).Value
data.O5.Text = Sheet6.Range("y" & (row + 4)).Value
data.O6.Text = Sheet6.Range("y" & (row + 5)).Value
data.O7.Text = Sheet6.Range("y" & (row + 6)).Value
data.O8.Text = Sheet6.Range("y" & (row + 7)).Value
data.O9.Text = Sheet6.Range("y" & (row + 8)).Value
data.O10.Text = Sheet6.Range("y" & (row + 9)).Value
'Data for PERCENT ADD
data.P1.Value = Sheet6.Range("ab" & (row)).Value
data.P2.Text = Sheet6.Range("ab" & (row + 1)).Value
data.P3.Text = Sheet6.Range("ab" & (row + 2)).Value
data.P4.Text = Sheet6.Range("ab" & (row + 3)).Value
data.P5.Text = Sheet6.Range("ab" & (row + 4)).Value
data.P6.Text = Sheet6.Range("ab" & (row + 5)).Value
data.P7.Text = Sheet6.Range("ab" & (row + 6)).Value
data.P8.Text = Sheet6.Range("ab" & (row + 7)).Value
data.P9.Text = Sheet6.Range("ab" & (row + 8)).Value
data.P10.Text = Sheet6.Range("ab" & (row + 9)).Value
'Data for MODIFIED PI
data.MPI1.Value = Sheet6.Range("aG" & (row)).Value
data.MPI2.Text = Sheet6.Range("aG" & (row + 1)).Value
data.MPI3.Text = Sheet6.Range("aG" & (row + 2)).Value
data.MPI4.Text = Sheet6.Range("aG" & (row + 3)).Value
data.MPI5.Text = Sheet6.Range("aG" & (row + 4)).Value
data.MPI6.Text = Sheet6.Range("aG" & (row + 5)).Value
data.MPI7.Text = Sheet6.Range("aG" & (row + 6)).Value
data.MPI8.Text = Sheet6.Range("aG" & (row + 7)).Value
data.MPI9.Text = Sheet6.Range("aG" & (row + 8)).Value
data.MPI10.Text = Sheet6.Range("aG" & (row + 9)).Value
'Data for MODIFIED MLD
data.MD1.Value = Sheet6.Range("aC" & (row)).Value
data.MD2.Text = Sheet6.Range("aC" & (row + 1)).Value
data.MD3.Text = Sheet6.Range("aC" & (row + 2)).Value
data.MD4.Text = Sheet6.Range("aC" & (row + 3)).Value
data.MD5.Text = Sheet6.Range("aC" & (row + 4)).Value
data.MD6.Text = Sheet6.Range("aC" & (row + 5)).Value
data.MD7.Text = Sheet6.Range("aC" & (row + 6)).Value
data.MD8.Text = Sheet6.Range("aC" & (row + 7)).Value
data.MD9.Text = Sheet6.Range("aC" & (row + 8)).Value
data.MD10.Text = Sheet6.Range("aC" & (row + 9)).Value
'Data for MODIFIED OMC
data.MO1.Value = Sheet6.Range("aD" & (row)).Value
data.MO2.Text = Sheet6.Range("aD" & (row + 1)).Value
data.MO3.Text = Sheet6.Range("aD" & (row + 2)).Value
data.MO4.Text = Sheet6.Range("aD" & (row + 3)).Value
data.MO5.Text = Sheet6.Range("aD" & (row + 4)).Value
data.MO6.Text = Sheet6.Range("aD" & (row + 5)).Value
data.MO7.Text = Sheet6.Range("aD" & (row + 6)).Value
data.MO8.Text = Sheet6.Range("aD" & (row + 7)).Value
data.MO9.Text = Sheet6.Range("aD" & (row + 8)).Value
data.MO10.Text = Sheet6.Range("aD" & (row + 9)).Value
'Data for UCS
data.U1.Value = Sheet6.Range("aE" & (row)).Value
data.U2.Text = Sheet6.Range("aE" & (row + 1)).Value
data.U3.Text = Sheet6.Range("aE" & (row + 2)).Value
data.U4.Text = Sheet6.Range("aE" & (row + 3)).Value
data.U5.Text = Sheet6.Range("aE" & (row + 4)).Value
data.U6.Text = Sheet6.Range("aE" & (row + 5)).Value
data.U7.Text = Sheet6.Range("aE" & (row + 6)).Value
data.U8.Text = Sheet6.Range("aE" & (row + 7)).Value
data.U9.Text = Sheet6.Range("aE" & (row + 8)).Value
data.U10.Text = Sheet6.Range("aE" & (row + 9)).Value
```

```
        'Data for UCS OMC
        data.UO1.Value = Sheet6.Range("aF" & (row)).Value
        data.UO2.Text = Sheet6.Range("aF" & (row + 1)).Value
        data.UO3.Text = Sheet6.Range("aF" & (row + 2)).Value
        data.UO4.Text = Sheet6.Range("aF" & (row + 3)).Value
        data.UO5.Text = Sheet6.Range("aF" & (row + 4)).Value
        data.UO6.Text = Sheet6.Range("aF" & (row + 5)).Value
        data.UO7.Text = Sheet6.Range("aF" & (row + 6)).Value
        data.UO8.Text = Sheet6.Range("aF" & (row + 7)).Value
        data.UO9.Text = Sheet6.Range("aF" & (row + 8)).Value
        data.UO10.Text = Sheet6.Range("aF" & (row + 9)).Value
        'Data for YEAR
        data.Y1.Value = Sheet6.Range("ah" & (row)).Value
        data.Y2.Text = Sheet6.Range("ah" & (row + 1)).Value
        data.Y3.Text = Sheet6.Range("ah" & (row + 2)).Value
        data.Y4.Text = Sheet6.Range("ah" & (row + 3)).Value
        data.Y5.Text = Sheet6.Range("ah" & (row + 4)).Value
        data.Y6.Text = Sheet6.Range("ah" & (row + 5)).Value
        data.Y7.Text = Sheet6.Range("ah" & (row + 6)).Value
        data.Y8.Text = Sheet6.Range("ah" & (row + 7)).Value
        data.Y9.Text = Sheet6.Range("ah" & (row + 8)).Value
        data.Y10.Text = Sheet6.Range("ah" & (row + 9)).Value

End Sub
Public Sub SHOWLIME()        'THIS CODE TAKES DATA FROM SPREADSHEET TO USERFORM FOR LIME
    ' Dim row As Integer
        'works on the lime data sheet3
        'Data for Control Number
        data.c1.Value = Sheet3.Range("z" & (row)).Value
        data.c2.Text = Sheet3.Range("z" & (row + 1)).Value
        data.c3.Text = Sheet3.Range("z" & (row + 2)).Value
        data.c4.Text = Sheet3.Range("z" & (row + 3)).Value
        data.c5.Text = Sheet3.Range("z" & (row + 4)).Value
        data.c6.Text = Sheet3.Range("z" & (row + 5)).Value
        data.c7.Text = Sheet3.Range("z" & (row + 6)).Value
        data.c8.Text = Sheet3.Range("z" & (row + 7)).Value
        data.c9.Text = Sheet3.Range("z" & (row + 8)).Value
        data.c10.Text = Sheet3.Range("z" & (row + 9)).Value

        'Data for Highway
        data.H1.Value = Sheet3.Range("r" & (row)).Value
        data.H2.Text = Sheet3.Range("r" & (row + 1)).Value
        data.H3.Text = Sheet3.Range("r" & (row + 2)).Value
        data.H4.Text = Sheet3.Range("r" & (row + 3)).Value
        data.H5.Text = Sheet3.Range("r" & (row + 4)).Value
        data.H6.Text = Sheet3.Range("r" & (row + 5)).Value
        data.H7.Text = Sheet3.Range("r" & (row + 6)).Value
        data.H8.Text = Sheet3.Range("r" & (row + 7)).Value
        data.H9.Text = Sheet3.Range("r" & (row + 8)).Value
        data.H10.Text = Sheet3.Range("r" & (row + 9)).Value
        'Data for Mile Marker
        data.MM1.Value = Sheet3.Range("s" & (row)).Value
        data.MM2.Text = Sheet3.Range("s" & (row + 1)).Value
        data.MM3.Text = Sheet3.Range("s" & (row + 2)).Value
        data.MM4.Text = Sheet3.Range("s" & (row + 3)).Value
        data.MM5.Text = Sheet3.Range("s" & (row + 4)).Value
        data.MM6.Text = Sheet3.Range("s" & (row + 5)).Value
        data.MM7.Text = Sheet3.Range("s" & (row + 6)).Value
        data.MM8.Text = Sheet3.Range("s" & (row + 7)).Value
        data.MM9.Text = Sheet3.Range("s" & (row + 8)).Value
        data.MM10.Text = Sheet3.Range("s" & (row + 9)).Value
        'Data for NGI
        data.NGI1.Value = Sheet3.Range("t" & (row)).Value
        data.NGI2.Text = Sheet3.Range("t" & (row + 1)).Value
        data.NGI3.Text = Sheet3.Range("t" & (row + 2)).Value
        data.NGI4.Text = Sheet3.Range("t" & (row + 3)).Value
        data.NGI5.Text = Sheet3.Range("t" & (row + 4)).Value
        data.NGI6.Text = Sheet3.Range("t" & (row + 5)).Value
        data.NGI7.Text = Sheet3.Range("t" & (row + 6)).Value
        data.NGI8.Text = Sheet3.Range("t" & (row + 7)).Value
        data.NGI9.Text = Sheet3.Range("t" & (row + 8)).Value
        data.NGI10.Text = Sheet3.Range("t" & (row + 9)).Value
        'Data for LL
        data.LL1.Value = Sheet3.Range("u" & (row)).Value
        data.LL2.Text = Sheet3.Range("u" & (row + 1)).Value
        data.LL3.Text = Sheet3.Range("u" & (row + 2)).Value
        data.LL4.Text = Sheet3.Range("u" & (row + 3)).Value
        data.LL5.Text = Sheet3.Range("u" & (row + 4)).Value
        data.LL6.Text = Sheet3.Range("u" & (row + 5)).Value
        data.LL7.Text = Sheet3.Range("u" & (row + 6)).Value
        data.LL8.Text = Sheet3.Range("u" & (row + 7)).Value
```

```
data.LL9.Text = Sheet3.Range("u" & (row + 8)).Value
data.LL10.Text = Sheet3.Range("u" & (row + 9)).Value
'Data for PI
data.PI1.Value = Sheet3.Range("v" & (row)).Value
data.PI2.Text = Sheet3.Range("v" & (row + 1)).Value
data.PI3.Text = Sheet3.Range("v" & (row + 2)).Value
data.PI4.Text = Sheet3.Range("v" & (row + 3)).Value
data.PI5.Text = Sheet3.Range("v" & (row + 4)).Value
data.PI6.Text = Sheet3.Range("v" & (row + 5)).Value
data.PI7.Text = Sheet3.Range("v" & (row + 6)).Value
data.PI8.Text = Sheet3.Range("v" & (row + 7)).Value
data.PI9.Text = Sheet3.Range("v" & (row + 8)).Value
data.PI10.Text = Sheet3.Range("v" & (row + 9)).Value
'Data for Percent #200
data.PT1.Value = Sheet3.Range("w" & (row)).Value
data.PT2.Text = Sheet3.Range("w" & (row + 1)).Value
data.PT3.Text = Sheet3.Range("w" & (row + 2)).Value
data.PT4.Text = Sheet3.Range("w" & (row + 3)).Value
data.PT5.Text = Sheet3.Range("w" & (row + 4)).Value
data.PT6.Text = Sheet3.Range("w" & (row + 5)).Value
data.PT7.Text = Sheet3.Range("w" & (row + 6)).Value
data.PT8.Text = Sheet3.Range("w" & (row + 7)).Value
data.PT9.Text = Sheet3.Range("w" & (row + 8)).Value
data.PT10.Text = Sheet3.Range("w" & (row + 9)).Value
'Data for MLD
data.M1.Value = Sheet3.Range("x" & (row)).Value
data.M2.Text = Sheet3.Range("x" & (row + 1)).Value
data.M3.Text = Sheet3.Range("x" & (row + 2)).Value
data.M4.Text = Sheet3.Range("x" & (row + 3)).Value
data.M5.Text = Sheet3.Range("x" & (row + 4)).Value
data.M6.Text = Sheet3.Range("x" & (row + 5)).Value
data.M7.Text = Sheet3.Range("x" & (row + 6)).Value
data.M8.Text = Sheet3.Range("x" & (row + 7)).Value
data.M9.Text = Sheet3.Range("x" & (row + 8)).Value
data.M10.Text = Sheet3.Range("x" & (row + 9)).Value
'Data for MLD OMC
data.O1.Value = Sheet3.Range("y" & (row)).Value
data.O2.Text = Sheet3.Range("y" & (row + 1)).Value
data.O3.Text = Sheet3.Range("y" & (row + 2)).Value
data.O4.Text = Sheet3.Range("y" & (row + 3)).Value
data.O5.Text = Sheet3.Range("y" & (row + 4)).Value
data.O6.Text = Sheet3.Range("y" & (row + 5)).Value
data.O7.Text = Sheet3.Range("y" & (row + 6)).Value
data.O8.Text = Sheet3.Range("y" & (row + 7)).Value
data.O9.Text = Sheet3.Range("y" & (row + 8)).Value
data.O10.Text = Sheet3.Range("y" & (row + 9)).Value
'Data for PERCENT ADD
data.P1.Value = Sheet3.Range("ab" & (row)).Value
data.P2.Text = Sheet3.Range("ab" & (row + 1)).Value
data.P3.Text = Sheet3.Range("ab" & (row + 2)).Value
data.P4.Text = Sheet3.Range("ab" & (row + 3)).Value
data.P5.Text = Sheet3.Range("ab" & (row + 4)).Value
data.P6.Text = Sheet3.Range("ab" & (row + 5)).Value
data.P7.Text = Sheet3.Range("ab" & (row + 6)).Value
data.P8.Text = Sheet3.Range("ab" & (row + 7)).Value
data.P9.Text = Sheet3.Range("ab" & (row + 8)).Value
data.P10.Text = Sheet3.Range("ab" & (row + 9)).Value
'Data for MODIFIED PI
data.MPI1.Value = Sheet3.Range("aG" & (row)).Value
data.MPI2.Text = Sheet3.Range("aG" & (row + 1)).Value
data.MPI3.Text = Sheet3.Range("aG" & (row + 2)).Value
data.MPI4.Text = Sheet3.Range("aG" & (row + 3)).Value
data.MPI5.Text = Sheet3.Range("aG" & (row + 4)).Value
data.MPI6.Text = Sheet3.Range("aG" & (row + 5)).Value
data.MPI7.Text = Sheet3.Range("aG" & (row + 6)).Value
data.MPI8.Text = Sheet3.Range("aG" & (row + 7)).Value
data.MPI9.Text = Sheet3.Range("aG" & (row + 8)).Value
data.MPI10.Text = Sheet3.Range("aG" & (row + 9)).Value
'Data for MODIFIED MLD
data.MD1.Value = Sheet3.Range("aC" & (row)).Value
data.MD2.Text = Sheet3.Range("aC" & (row + 1)).Value
data.MD3.Text = Sheet3.Range("aC" & (row + 2)).Value
data.MD4.Text = Sheet3.Range("aC" & (row + 3)).Value
data.MD5.Text = Sheet3.Range("aC" & (row + 4)).Value
data.MD6.Text = Sheet3.Range("aC" & (row + 5)).Value
data.MD7.Text = Sheet3.Range("aC" & (row + 6)).Value
data.MD8.Text = Sheet3.Range("aC" & (row + 7)).Value
data.MD9.Text = Sheet3.Range("aC" & (row + 8)).Value
data.MD10.Text = Sheet3.Range("aC" & (row + 9)).Value
'Data for MODIFIED OMC3
data.MO1.Value = Sheet3.Range("aD" & (row)).Value
```

```
        data.MO2.Text = Sheet3.Range("aD" & (row + 1)).Value
        data.MO3.Text = Sheet3.Range("aD" & (row + 2)).Value
        data.MO4.Text = Sheet3.Range("aD" & (row + 3)).Value
        data.MO5.Text = Sheet3.Range("aD" & (row + 4)).Value
        data.MO6.Text = Sheet3.Range("aD" & (row + 5)).Value
        data.MO7.Text = Sheet3.Range("aD" & (row + 6)).Value
        data.MO8.Text = Sheet3.Range("aD" & (row + 7)).Value
        data.MO9.Text = Sheet3.Range("aD" & (row + 8)).Value
        data.MO10.Text = Sheet3.Range("aD" & (row + 9)).Value
        'Data for UCS
        data.U1.Value = Sheet3.Range("aE" & (row)).Value
        data.U2.Text = Sheet3.Range("aE" & (row + 1)).Value
        data.U3.Text = Sheet3.Range("aE" & (row + 2)).Value
        data.U4.Text = Sheet3.Range("aE" & (row + 3)).Value
        data.U5.Text = Sheet3.Range("aE" & (row + 4)).Value
        data.U6.Text = Sheet3.Range("aE" & (row + 5)).Value
        data.U7.Text = Sheet3.Range("aE" & (row + 6)).Value
        data.U8.Text = Sheet3.Range("aE" & (row + 7)).Value
        data.U9.Text = Sheet3.Range("aE" & (row + 8)).Value
        data.U10.Text = Sheet3.Range("aE" & (row + 9)).Value
        'Data for UCS OMC
        data.UO1.Value = Sheet3.Range("aF" & (row)).Value
        data.UO2.Text = Sheet3.Range("aF" & (row + 1)).Value
        data.UO3.Text = Sheet3.Range("aF" & (row + 2)).Value
        data.UO4.Text = Sheet3.Range("aF" & (row + 3)).Value
        data.UO5.Text = Sheet3.Range("aF" & (row + 4)).Value
        data.UO6.Text = Sheet3.Range("aF" & (row + 5)).Value
        data.UO7.Text = Sheet3.Range("aF" & (row + 6)).Value
        data.UO8.Text = Sheet3.Range("aF" & (row + 7)).Value
        data.UO9.Text = Sheet3.Range("aF" & (row + 8)).Value
        data.UO10.Text = Sheet3.Range("aF" & (row + 9)).Value
        'Data for YEAR
        data.Y1.Value = Sheet3.Range("ah" & (row)).Value
        data.Y2.Text = Sheet3.Range("ah" & (row + 1)).Value
        data.Y3.Text = Sheet3.Range("ah" & (row + 2)).Value
        data.Y4.Text = Sheet3.Range("ah" & (row + 3)).Value
        data.Y5.Text = Sheet3.Range("ah" & (row + 4)).Value
        data.Y6.Text = Sheet3.Range("ah" & (row + 5)).Value
        data.Y7.Text = Sheet3.Range("ah" & (row + 6)).Value
        data.Y8.Text = Sheet3.Range("ah" & (row + 7)).Value
        data.Y9.Text = Sheet3.Range("ah" & (row + 8)).Value
        data.Y10.Text = Sheet3.Range("ah" & (row + 9)).Value
End Sub
Private Sub add_Change()        'CODE USED FOR SHOWING DATA DEPENDING UPON ADDITIVE TYPE
  data.MOVE2.Value = 31
  row = 31
    If add.Value = "FLYASH" Then 'works on the flyash data sheet2
        SHOWFLYASH
                    UO1.Visible = True
                    UO2.Visible = True
                    UO3.Visible = True
                    UO4.Visible = True
                    UO5.Visible = True
                    UO6.Visible = True
                    UO7.Visible = True
                    UO8.Visible = True
                    UO9.Visible = True
                    UO10.Visible = True
                    Label35.Visible = False
                    Label21.Visible = True
    Else
        If add.Value = "CKD" Then 'works on the CKD data sheet6
            SHOWCKD
                    UO1.Visible = True
                    UO2.Visible = True
                    UO3.Visible = True
                    UO4.Visible = True
                    UO5.Visible = True
                    UO6.Visible = True
                    UO7.Visible = True
                    UO8.Visible = True
                    UO9.Visible = True
                    UO10.Visible = True
                    Label35.Visible = False
                    Label21.Visible = True


        Else
            If add.Value = "LIME" Then 'works on the lime data sheet3
                SHOWLIME
                    UO1.Visible = False
```

```
                    U02.Visible = False
                    U03.Visible = False
                    U04.Visible = False
                    U05.Visible = False
                    U06.Visible = False
                    U07.Visible = False
                    U08.Visible = False
                    U09.Visible = False
                    U010.Visible = False
                    Label35.Visible = False
                    Label21.Visible = False

            End If
        End If
    End If
End Sub
Private Sub ADDINSERT_Change()        'CODE USED INSERTING DATA DEPENDING UPON ADDITIVE TYPE
If ADDINSERT.Value = "LIME" Then
    Label21.Visible = False
    U01.Visible = False
    U02.Visible = False
    U03.Visible = False
    U04.Visible = False
    U05.Visible = False
    U06.Visible = False
    U07.Visible = False
    U08.Visible = False
    U09.Visible = False
    U010.Visible = False

   Else
    If ADDINSERT.Value = "FLYASH" Then
                    U01.Visible = True
                    U02.Visible = True
                    U03.Visible = True
                    U04.Visible = True
                    U05.Visible = True
                    U06.Visible = True
                    U07.Visible = True
                    U08.Visible = True
                    U09.Visible = True
                    U010.Visible = True
                    Label35.Visible = False
                    Label21.Visible = True


       Else
        If ADDINSERT.Value = "CKD" Then
                    U01.Visible = True
                    U02.Visible = True
                    U03.Visible = True
                    U04.Visible = True
                    U05.Visible = True
                    U06.Visible = True
                    U07.Visible = True
                    U08.Visible = True
                    U09.Visible = True
                    U010.Visible = True
                    Label35.Visible = False
                    Label21.Visible = True


End If
End If
End If
End Sub
Private Sub delete_Click()  'CODE USED TO CHOOSE WHICH ROW TO DELETE DATA
    If d1.Value = True Then
        If add = "FLYASH" Then
        Sheet2.Range("v3") = c1.Value
        a = Sheet2.Range("w3")
        Sheet2.Rows(a).EntireRow.delete
        d1.Value = False
        c1 = ""
        s1 = ""
        H1 = ""
        MM1 = ""
        NGI1 = ""
        LL1 = ""
        PI1 = ""
        PT1 = ""
```

```
    M1 = ""
    O1 = ""
    P1 = ""
    MD1 = ""
    MO1 = ""
    U1 = ""
    UO1 = ""
    MPI1 = ""
    Y1 = ""
          'Sorting FLYASH by ngi
Sheets("Flyash").Select
Range("T31").Select
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("Flyash").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
 If d2.Value = True Then
    If add = "FLYASH" Then
    Sheet2.Range("v3") = c2.Value
    a = Sheet2.Range("w3")
    Sheet2.Rows(a).EntireRow.delete
    d2.Value = False
    c2 = ""
    s2 = ""
    H2 = ""
    MM2 = ""
    NGI2 = ""
    LL2 = ""
    PI2 = ""
    PT2 = ""
    M2 = ""
    O2 = ""
    P2 = ""
    MD2 = ""
    MO2 = ""
    U2 = ""
    UO2 = ""
    MPI2 = ""
    Y2 = ""
          'Sorting FLYASH by ngi
Sheets("Flyash").Select
Range("T31").Select
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("Flyash").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d3.Value = True Then
    If add = "FLYASH" Then
    Sheet2.Range("v3") = c3.Value
    a = Sheet2.Range("w3")
    Sheet2.Rows(a).EntireRow.delete
    d3.Value = False
    c3 = ""
    s3 = ""
    H3 = ""
    MM3 = ""
    NGI3 = ""
    LL3 = ""
    PI3 = ""
    PT3 = ""
    M3 = ""
```

```
    O3 = ""
    P3 = ""
    MD3 = ""
    MO3 = ""
    U3 = ""
    UO3 = ""
    MPI3 = ""
    Y3 = ""
          'Sorting FLYASH by ngi
Sheets("Flyash").Select
Range("T31").Select
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("Flyash").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
If d4.Value = True Then
    If add = "FLYASH" Then
    Sheet2.Range("v3") = c4.Value
    a = Sheet2.Range("w3")
    Sheet2.Rows(a).EntireRow.delete
    d4.Value = False
    c4 = ""
    s4 = ""
    H4 = ""
    MM4 = ""
    NGI4 = ""
    LL4 = ""
    PI4 = ""
    PT4 = ""
    M4 = ""
    O4 = ""
    P4 = ""
    MD4 = ""
    MO4 = ""
    U4 = ""
    UO4 = ""
    MPI4 = ""
    Y4 = ""
          'Sorting FLYASH by ngi
Sheets("Flyash").Select
Range("T31").Select
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("Flyash").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
If d5.Value = True Then
    If add = "FLYASH" Then
    Sheet2.Range("v3") = c5.Value
    a = Sheet2.Range("w3")
    Sheet2.Rows(a).EntireRow.delete
    d5.Value = False
    c5 = ""
    s5 = ""
    H5 = ""
    MM5 = ""
    NGI5 = ""
    LL5 = ""
    PI5 = ""
    PT5 = ""
```

```
    M5 = ""
    O5 = ""
    P5 = ""
    MD5 = ""
    MO5 = ""
    U5 = ""
    UO5 = ""
    MPI5 = ""
    Y5 = ""
          'Sorting FLYASH by ngi
Sheets("Flyash").Select
Range("T31").Select
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("Flyash").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
If d6.Value = True Then
    If add = "FLYASH" Then
    Sheet2.Range("v3") = c6.Value
    a = Sheet2.Range("w3")
    Sheet2.Rows(a).EntireRow.delete
    d6.Value = False
    c6 = ""
    s6 = ""
    H6 = ""
    MM6 = ""
    NGI6 = ""
    LL6 = ""
    PI6 = ""
    PT6 = ""
    M6 = ""
    O6 = ""
    P6 = ""
    MD6 = ""
    MO6 = ""
    U6 = ""
    UO6 = ""
    MPI6 = ""
    Y6 = ""
          'Sorting FLYASH by ngi
Sheets("Flyash").Select
Range("T31").Select
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("Flyash").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
If d7.Value = True Then
    If add = "FLYASH" Then
    Sheet2.Range("v3") = c7.Value
    a = Sheet2.Range("w3")
    Sheet2.Rows(a).EntireRow.delete
    d7.Value = False
    c7 = ""
    s7 = ""
    H7 = ""
    MM7 = ""
    NGI7 = ""
    LL7 = ""
    PI7 = ""
```

```
    PT7 = ""
    M7 = ""
    O7 = ""
    P7 = ""
    MD7 = ""
    MO7 = ""
    U7 = ""
    UO7 = ""
    MPI7 = ""
    Y7 = ""
          'Sorting FLYASH by ngi
Sheets("Flyash").Select
Range("T31").Select
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("Flyash").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
If d8.Value = True Then
    If add = "FLYASH" Then
    Sheet2.Range("v3") = c8.Value
    a = Sheet2.Range("w3")
    Sheet2.Rows(a).EntireRow.delete
    d8.Value = False
    c8 = ""
    s8 = ""
    H8 = ""
    MM8 = ""
    NGI8 = ""
    LL8 = ""
    PI8 = ""
    PT8 = ""
    M8 = ""
    O8 = ""
    P8 = ""
    MD8 = ""
    MO8 = ""
    U8 = ""
    UO8 = ""
    MPI8 = ""
    Y8 = ""
          'Sorting FLYASH by ngi
Sheets("Flyash").Select
Range("T31").Select
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("Flyash").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
If d9.Value = True Then
    If add = "FLYASH" Then
    Sheet2.Range("v3") = c9.Value
    a = Sheet2.Range("w3")
    Sheet2.Rows(a).EntireRow.delete
    d9.Value = False
    c9 = ""
    s9 = ""
    H9 = ""
    MM9 = ""
    NGI9 = ""
    LL9 = ""
```

```
        PI9 = ""
        PT9 = ""
        M9 = ""
        O9 = ""
        P9 = ""
        MD9 = ""
        MO9 = ""
        U9 = ""
        UO9 = ""
        MPI9 = ""
        Y9 = ""
              'Sorting FLYASH by ngi
    Sheets("Flyash").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("Flyash").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With

        End If
        End If
     If d10.Value = True Then
        If add = "FLYASH" Then
        Sheet2.Range("v3") = c10.Value
        a = Sheet2.Range("w3")
        Sheet2.Rows(a).EntireRow.delete
        d10.Value = False
        c10 = ""
        s10 = ""
        H10 = ""
        MM10 = ""
        NGI10 = ""
        LL10 = ""
        PI10 = ""
        PT10 = ""
        M10 = ""
        O10 = ""
        P10 = ""
        MD10 = ""
        MO10 = ""
        U10 = ""
        UO10 = ""
        MPI10 = ""
        Y10 = ""
              'Sorting FLYASH by ngi
    Sheets("Flyash").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("Flyash").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With

        End If
Else
    If d1.Value = True Then
        If add = "CKD" Then
        Sheet6.Range("v3") = c1.Value
        a = Sheet6.Range("w3")
        Sheet6.Rows(a).EntireRow.delete
        d1.Value = False
        c1 = ""
        s1 = ""
        H1 = ""
        MM1 = ""
        NGI1 = ""
```

```
    LL1 = ""
    PI1 = ""
    PT1 = ""
    M1 = ""
    O1 = ""
    P1 = ""
    MD1 = ""
    MO1 = ""
    U1 = ""
    UO1 = ""
    MPI1 = ""
    Y1 = ""
        'Sorting CKD by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
 If d2.Value = True Then
    If add = "CKD" Then
    Sheet6.Range("v3") = c2.Value
    a = Sheet6.Range("w3")
    Sheet6.Rows(a).EntireRow.delete
    d2.Value = False
    c2 = ""
    s2 = ""
    H2 = ""
    MM2 = ""
    NGI2 = ""
    LL2 = ""
    PI2 = ""
    PT2 = ""
    M2 = ""
    O2 = ""
    P2 = ""
    MD2 = ""
    MO2 = ""
    U2 = ""
    UO2 = ""
    MPI2 = ""
    Y2 = ""
        'Sorting CKD by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
If d3.Value = True Then
    If add = "CKD" Then
    Sheet6.Range("v3") = c3.Value
    a = Sheet6.Range("w3")
    Sheet6.Rows(a).EntireRow.delete
    d3.Value = False
    c3 = ""
    s3 = ""
    H3 = ""
    MM3 = ""
```

```
    NGI3 = ""
    LL3 = ""
    PI3 = ""
    PT3 = ""
    M3 = ""
    O3 = ""
    P3 = ""
    MD3 = ""
    MO3 = ""
    U3 = ""
    UO3 = ""
    MPI3 = ""
    Y3 = ""
        'Sorting CKD by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d4.Value = True Then
    If add = "CKD" Then
    Sheet6.Range("v3") = c4.Value
    a = Sheet6.Range("w3")
    Sheet6.Rows(a).EntireRow.delete
    d4.Value = False
    c4 = ""
    s4 = ""
    H4 = ""
    MM4 = ""
    NGI4 = ""
    LL4 = ""
    PI4 = ""
    PT4 = ""
    M4 = ""
    O4 = ""
    P4 = ""
    MD4 = ""
    MO4 = ""
    U4 = ""
    UO4 = ""
    MPI4 = ""
    Y4 = ""
        'Sorting CKD by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

    End If
    End If
If d5.Value = True Then
    If add = "CKD" Then
    Sheet6.Range("v3") = c5.Value
    a = Sheet6.Range("w3")
    Sheet6.Rows(a).EntireRow.delete
    d5.Value = False
    c5 = ""
    s5 = ""
    H5 = ""
    MM5 = ""
```

```
    NGI5 = ""
    LL5 = ""
    PI5 = ""
    PT5 = ""
    M5 = ""
    O5 = ""
    P5 = ""
    MD5 = ""
    MO5 = ""
    U5 = ""
    UO5 = ""
    MPI5 = ""
    Y5 = ""
        'Sorting CKD by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d6.Value = True Then
    If add = "CKD" Then
    Sheet6.Range("v3") = c6.Value
    a = Sheet6.Range("w3")
    Sheet6.Rows(a).EntireRow.delete
    d6.Value = False
    c6 = ""
    s6 = ""
    H6 = ""
    MM6 = ""
    NGI6 = ""
    LL6 = ""
    PI6 = ""
    PT6 = ""
    M6 = ""
    O6 = ""
    P6 = ""
    MD6 = ""
    MO6 = ""
    U6 = ""
    UO6 = ""
    MPI6 = ""
    Y6 = ""
        'Sorting CKD by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d7.Value = True Then
    If add = "CKD" Then
    Sheet6.Range("v3") = c7.Value
    a = Sheet6.Range("w3")
    Sheet6.Rows(a).EntireRow.delete
    d7.Value = False
    c7 = ""
    s7 = ""
    H7 = ""
    MM7 = ""
    NGI7 = ""
```

```
    LL7 = ""
    PI7 = ""
    PT7 = ""
    M7 = ""
    O7 = ""
    P7 = ""
    MD7 = ""
    MO7 = ""
    U7 = ""
    UO7 = ""
    MPI7 = ""
    Y7 = ""
        'Sorting CKD by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d8.Value = True Then
    If add = "CKD" Then
    Sheet6.Range("v3") = c8.Value
    a = Sheet6.Range("w3")
    Sheet6.Rows(a).EntireRow.delete
    d8.Value = False
    c8 = ""
    s8 = ""
    H8 = ""
    MM8 = ""
    NGI8 = ""
    LL8 = ""
    PI8 = ""
    PT8 = ""
    M8 = ""
    O8 = ""
    P8 = ""
    MD8 = ""
    MO8 = ""
    U8 = ""
    UO8 = ""
    MPI8 = ""
    Y8 = ""
        'Sorting CKD by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d9.Value = True Then
    If add = "CKD" Then
    Sheet6.Range("v3") = c9.Value
    a = Sheet6.Range("w3")
    Sheet6.Rows(a).EntireRow.delete
    d9.Value = False
    c9 = ""
    s9 = ""
    H9 = ""
    MM9 = ""
    NGI9 = ""
    LL9 = ""
```

```
        PI9 = ""
        PT9 = ""
        M9 = ""
        O9 = ""
        P9 = ""
        MD9 = ""
        MO9 = ""
        U9 = ""
        UO9 = ""
        MPI9 = ""
        Y9 = ""
            'Sorting CKD by ngi
    Sheets("CKD").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("CKD").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
        End If
        End If
     If d10.Value = True Then
        If add = "CKD" Then
        Sheet6.Range("v3") = c10.Value
        a = Sheet6.Range("w3")
        Sheet6.Rows(a).EntireRow.delete
        d10.Value = False
        c10 = ""
        s10 = ""
        H10 = ""
        MM10 = ""
        NGI10 = ""
        LL10 = ""
        PI10 = ""
        PT10 = ""
        M10 = ""
        O10 = ""
        P10 = ""
        MD10 = ""
        MO10 = ""
        U10 = ""
        UO10 = ""
        MPI10 = ""
        Y10 = ""
            'Sorting CKD by ngi
    Sheets("CKD").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("CKD").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
        End If

Else
    If d1.Value = True Then
        If add = "LIME" Then
        Sheet3.Range("v3") = c1.Value
        a = Sheet3.Range("w3")
        Sheet3.Rows(a).EntireRow.delete
        d1.Value = False
        c1 = ""
        s1 = ""
        H1 = ""
        MM1 = ""
        NGI1 = ""
        LL1 = ""
```

```
    PI1 = ""
    PT1 = ""
    M1 = ""
    O1 = ""
    P1 = ""
    MD1 = ""
    MO1 = ""
    U1 = ""
    UO1 = ""
    MPI1 = ""
    Y1 = ""
    'Sorting LIME by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
 If d2.Value = True Then
    If add = "LIME" Then
    Sheet3.Range("v3") = c2.Value
    a = Sheet3.Range("w3")
    Sheet3.Rows(a).EntireRow.delete
    d2.Value = False
    c2 = ""
    s2 = ""
    H2 = ""
    MM2 = ""
    NGI2 = ""
    LL2 = ""
    PI2 = ""
    PT2 = ""
    M2 = ""
    O2 = ""
    P2 = ""
    MD2 = ""
    MO2 = ""
    U2 = ""
    UO2 = ""
    MPI2 = ""
    Y2 = ""
    'Sorting LIME by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d3.Value = True Then
    If add = "LIME" Then
    Sheet3.Range("v3") = c3.Value
    a = Sheet3.Range("w3")
    Sheet3.Rows(a).EntireRow.delete
    d3.Value = False
    c3 = ""
    s3 = ""
    H3 = ""
    MM3 = ""
    NGI3 = ""
    LL3 = ""
    PI3 = ""
```

```
    PT3 = ""
    M3 = ""
    O3 = ""
    P3 = ""
    MD3 = ""
    MO3 = ""
    U3 = ""
    UO3 = ""
    MPI3 = ""
    Y3 = ""
    'Sorting LIME by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d4.Value = True Then
    If add = "LIME" Then
    Sheet3.Range("v3") = c4.Value
    a = Sheet3.Range("w3")
    Sheet3.Rows(a).EntireRow.delete
    d4.Value = False
    c4 = ""
    s4 = ""
    H4 = ""
    MM4 = ""
    NGI4 = ""
    LL4 = ""
    PI4 = ""
    PT4 = ""
    M4 = ""
    O4 = ""
    P4 = ""
    MD4 = ""
    MO4 = ""
    U4 = ""
    UO4 = ""
    MPI4 = ""
    Y4 = ""
    'Sorting LIME by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d5.Value = True Then
    If add = "LIME" Then
    Sheet3.Range("v3") = c5.Value
    a = Sheet3.Range("w3")
    Sheet3.Rows(a).EntireRow.delete
    d5.Value = False
    c5 = ""
    s5 = ""
    H5 = ""
    MM5 = ""
    NGI5 = ""
    LL5 = ""
    PI5 = ""
    PT5 = ""
```

```
    M5 = ""
    O5 = ""
    P5 = ""
    MD5 = ""
    MO5 = ""
    U5 = ""
    UO5 = ""
    MPI5 = ""
    Y5 = ""
    'Sorting LIME by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d6.Value = True Then
    If add = "LIME" Then
    Sheet3.Range("v3") = c6.Value
    a = Sheet3.Range("w3")
    Sheet3.Rows(a).EntireRow.delete
    d6.Value = False
    c6 = ""
    s6 = ""
    H6 = ""
    MM6 = ""
    NGI6 = ""
    LL6 = ""
    PI6 = ""
    PT6 = ""
    M6 = ""
    O6 = ""
    P6 = ""
    MD6 = ""
    MO6 = ""
    U6 = ""
    UO6 = ""
    MPI6 = ""
    Y6 = ""
    'Sorting LIME by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d7.Value = True Then
    If add = "LIME" Then
    Sheet3.Range("v3") = c7.Value
    a = Sheet3.Range("w3")
    Sheet3.Rows(a).EntireRow.delete
    d7.Value = False
    c7 = ""
    s7 = ""
    H7 = ""
    MM7 = ""
    NGI7 = ""
    LL7 = ""
    PI7 = ""
    PT7 = ""
    M7 = ""
```

```
    O7 = ""
    P7 = ""
    MD7 = ""
    MO7 = ""
    U7 = ""
    UO7 = ""
    MPI7 = ""
    Y7 = ""
    'Sorting LIME by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d8.Value = True Then
    If add = "LIME" Then
    Sheet3.Range("v3") = c8.Value
    a = Sheet3.Range("w3")
    Sheet3.Rows(a).EntireRow.delete
    d8.Value = False
    c8 = ""
    s8 = ""
    H8 = ""
    MM8 = ""
    NGI8 = ""
    LL8 = ""
    PI8 = ""
    PT8 = ""
    M8 = ""
    O8 = ""
    P8 = ""
    MD8 = ""
    MO8 = ""
    U8 = ""
    UO8 = ""
    MPI8 = ""
    Y8 = ""
    'Sorting LIME by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With
    End If
    End If
If d9.Value = True Then
    If add = "LIME" Then
    Sheet3.Range("v3") = c9.Value
    a = Sheet3.Range("w3")
    Sheet3.Rows(a).EntireRow.delete
    d9.Value = False
    c9 = ""
    s9 = ""
    H9 = ""
    MM9 = ""
    NGI9 = ""
    LL9 = ""
    PI9 = ""
    PT9 = ""
    M9 = ""
    O9 = ""
```

```
        P9 = ""
        MD9 = ""
        MO9 = ""
        U9 = ""
        UO9 = ""
        MPI9 = ""
        Y9 = ""
        'Sorting LIME by ngi
    Sheets("LIME").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("LIME").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
        End If
        End If
     If d10.Value = True Then
        If add = "LIME" Then
        Sheet3.Range("v3") = c10.Value
        a = Sheet3.Range("w3")
        Sheet3.Rows(a).EntireRow.delete
        d10.Value = False
        c10 = ""
        s10 = ""
        H10 = ""
        MM10 = ""
        NGI10 = ""
        LL10 = ""
        PI10 = ""
        PT10 = ""
        M10 = ""
        O10 = ""
        P10 = ""
        MD10 = ""
        MO10 = ""
        U10 = ""
        UO10 = ""
        MPI10 = ""
        Y10 = ""
        'Sorting LIME by ngi
    Sheets("LIME").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("LIME").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
        End If
        End If


End If
End If
End Sub
Private Sub DELETEMODE_Click()  'CODE TO SETUP DELETE MODE FORM
    Label34.Visible = True
    d1.Visible = True
    d2.Visible = True
    d3.Visible = True
    d4.Visible = True
    d5.Visible = True
    d6.Visible = True
    d7.Visible = True
    d8.Visible = True
    d9.Visible = True
    d10.Visible = True
```

```
    delete.Visible = True
    INSERTMODE.Visible = False
    exitmode.Visible = True
    MMENU.Visible = False
    editmode.Visible = False
    d1 = False
    d2 = False
    d3 = False
    d4 = False
    d5 = False
    d6 = False
    d7 = False
    d8 = False
    d9 = False
    d10 = False

With data
    With .Label1 'FORM HEADING
        .ForeColor = &HFF& 'TURN RED
        .Caption = "DELETE MODE"
        .Left = 0
        .Left = Label1.Left + data.Width / 2 - Label1.Width / 2
         End With
    With .Label10 'SELECT ADD TYPE LABEL
        .ForeColor = &HFF& 'TURN RED
        End With
    With .Label34     'SELECT ADD TYPE LABEL
         .ForeColor = &HFF& 'TURN RED
    If VIEWMODE = True Then


        'ACTIVATE DELETE MODE
    Else
        If INSMOD = True Then
        FORMATVIEWMODE
        data.CLEARFORM
        End If
    End If
End With
End With
End Sub
Private Sub EDITFLYASH1()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH
            If d1.Value = True Then
                Sheet2.Range("v3").Value = data.c1.Text
                row = Sheet2.Range("w3")
            If H1.Value <> "" And MM1.Value <> "" And NGI1.Value <> "" And P1.Value <> "" And MD1.Value <> ""
And MO1.Value <> "" And U1.Value <> "" And UO1.Value <> "" And MPI1.Value <> "" And Y1.Value <> "" Then

                    'Sends data to flyash sheet in EDIT MODE
                    Sheet2.Range("s" & (row)).Value = data.MM1.Text
                    MM1.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H1.Text
                    H1.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI1.Text
                    NGI1.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL1.Text
                    LL1.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI1.Text
                    PI1.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT1.Text
                    PT1.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M1.Text
                    M1.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O1.Text
                    O1.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P1.Text
                    P1.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD1.Text
                    MD1.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO1.Text
                    MO1.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U1.Text
                    U1.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO1.Text
                    UO1.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI1.Text
                    MPI1.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y1.Text
                    Y1.Value = ""
                    c1.Value = ""
                    d1.Value = ""
```

```
End If
End If
End Sub
Private Sub EDITFLYASH2()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH
            If d2.Value = True Then
                Sheet2.Range("v3").Value = data.c2.Text
                row = Sheet2.Range("w3")

            If H2.Value <> "" And MM2.Value <> "" And NGI2.Value <> "" And P2.Value <> "" And MD2.Value <> ""
And MO2.Value <> "" And U2.Value <> "" And UO2.Value <> "" And MPI2.Value <> "" And Y2.Value <> "" Then

                    'Sends data to flyash sheet in EDITMODE
                    Sheet2.Range("s" & (row)).Value = data.MM2.Text
                    MM2.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H2.Text
                    H2.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI2.Text
                    NGI2.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL2.Text
                    LL2.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI2.Text
                    PI2.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT2.Text
                    PT2.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M2.Text
                    M2.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O2.Text
                    O2.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P2.Text
                    P2.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD2.Text
                    MD2.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO2.Text
                    MO2.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U2.Text
                    U2.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO2.Text
                    UO2.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI2.Text
                    MPI2.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y2.Text
                    Y2.Value = ""
                    c2.Value = ""
                    d2.Value = ""
End If
End If
End Sub
Private Sub EDITFLYASH3()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH

                 If d3.Value = True Then
                    Sheet2.Range("v3").Value = data.c3.Text
                    row = Sheet2.Range("w3")

                If H3.Value <> "" And MM3.Value <> "" And NGI3.Value <> "" And P3.Value <> "" And MD3.Value <>
"" And MO3.Value <> "" And U3.Value <> "" And UO3.Value <> "" And MPI3.Value <> "" And Y3.Value <> "" Then

                    'Sends data to flyash sheet in EDITMODE
                    Sheet2.Range("s" & (row)).Value = data.MM3.Text
                    MM3.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H3.Text
                    H3.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI3.Text
                    NGI3.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL3.Text
                    LL3.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI3.Text
                    PI3.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT3.Text
                    PT3.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M3.Text
                    M3.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O3.Text
                    O3.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P3.Text
                    P3.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD3.Text
                    MD3.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO3.Text
                    MO3.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U3.Text
                    U3.Value = ""
```

```
                    Sheet2.Range("af" & (row)).Value = data.UO3.Text
                    UO3.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI3.Text
                    MPI3.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y3.Text
                    Y3.Value = ""
                    c3.Value = ""
                    d3.Value = ""
End If
End If
End Sub
Private Sub EDITFLYASH4()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH

                If d4.Value = True Then
                    Sheet2.Range("v3").Value = data.c4.Text
                    row = Sheet2.Range("w3")

                If H4.Value <> "" And MM4.Value <> "" And NGI4.Value <> "" And P4.Value <> "" And MD4.Value <>
"" And MO4.Value <> "" And U4.Value <> "" And UO4.Value <> "" And MPI4.Value <> "" And Y4.Value <> "" Then

                    'Sends data to flyash sheet in EDITMODE
                    Sheet2.Range("s" & (row)).Value = data.MM4.Text
                    MM4.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H4.Text
                    H4.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI4.Text
                    NGI4.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL4.Text
                    LL4.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI4.Text
                    PI4.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT4.Text
                    PT4.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M4.Text
                    M4.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O4.Text
                    O4.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P4.Text
                    P4.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD4.Text
                    MD4.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO4.Text
                    MO4.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U4.Text
                    U4.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO4.Text
                    UO4.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI4.Text
                    MPI4.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y4.Text
                    Y4.Value = ""
                    c4.Value = ""
                    d4.Value = ""
End If
End If
End Sub
Private Sub EDITFLYASH5()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH
                  If d5.Value = True Then
                    Sheet2.Range("v3").Value = data.c5.Text
                    row = Sheet2.Range("w3")

                If H5.Value <> "" And MM5.Value <> "" And NGI5.Value <> "" And P5.Value <> "" And MD5.Value <>
"" And MO5.Value <> "" And U5.Value <> "" And UO5.Value <> "" And MPI5.Value <> "" And Y5.Value <> "" Then

                    'Sends data to flyash sheet in EDITMODE
                    Sheet2.Range("s" & (row)).Value = data.MM5.Text
                    MM5.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H5.Text
                    H5.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI5.Text
                    NGI5.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL5.Text
                    LL5.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI5.Text
                    PI5.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT5.Text
                    PT5.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M5.Text
                    M5.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O5.Text
                    O5.Value = ""
```

```
                    Sheet2.Range("ab" & (row)).Value = data.P5.Text
                    P5.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD5.Text
                    MD5.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO5.Text
                    MO5.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U5.Text
                    U5.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO5.Text
                    UO5.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI5.Text
                    MPI5.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y5.Text
                    Y5.Value = ""
                    c5.Value = ""
                    d5.Value = ""
End If
End If
End Sub
Private Sub EDITFLYASH6()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH
                 If d6.Value = True Then
                    Sheet2.Range("v3").Value = data.c6.Text
                    row = Sheet2.Range("w3")

                If H6.Value <> "" And MM6.Value <> "" And NGI6.Value <> "" And P6.Value <> "" And MD6.Value <>
"" And MO6.Value <> "" And U6.Value <> "" And UO6.Value <> "" And MPI6.Value <> "" And Y6.Value <> "" Then
                    'Sends data to flyash sheet in EDITMODE
                    Sheet2.Range("s" & (row)).Value = data.MM6.Text
                    MM6.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H6.Text
                    H6.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI6.Text
                    NGI6.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL6.Text
                    LL6.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI6.Text
                    PI6.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT6.Text
                    PT6.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M6.Text
                    M6.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O6.Text
                    O6.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P6.Text
                    P6.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD6.Text
                    MD6.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO6.Text
                    MO6.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U6.Text
                    U6.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO6.Text
                    UO6.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI6.Text
                    MPI6.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y6.Text
                    Y6.Value = ""
                    c6.Value = ""
                    d6.Value = ""
End If
End If
End Sub
Private Sub EDITFLYASH7()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH

              If d7.Value = True Then
                Sheet2.Range("v3").Value = data.c7.Text
                row = Sheet2.Range("w3")

            If H7.Value <> "" And MM7.Value <> "" And NGI7.Value <> "" And P7.Value <> "" And MD7.Value <> ""
And MO7.Value <> "" And U7.Value <> "" And UO7.Value <> "" And MPI7.Value <> "" And Y7.Value <> "" Then

                    'Sends data to flyash sheet in EDITMODE
                    Sheet2.Range("s" & (row)).Value = data.MM7.Text
                    MM7.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H7.Text
                    H7.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI7.Text
                    NGI7.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL7.Text
                    LL7.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI7.Text
```

```
                    PI7.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT7.Text
                    PT7.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M7.Text
                    M7.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O7.Text
                    O7.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P7.Text
                    P7.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD7.Text
                    MD7.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO7.Text
                    MO7.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U7.Text
                    U7.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO7.Text
                    UO7.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI7.Text
                    MPI7.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y7.Text
                    Y7.Value = ""
                    c7.Value = ""
                    d7.Value = ""
End If
End If
End Sub
Private Sub EDITFLYASH8()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH

                 If d8.Value = True Then
                    Sheet2.Range("v3").Value = data.c8.Text
                    row = Sheet2.Range("w3")

                If H8.Value <> "" And MM8.Value <> "" And NGI8.Value <> "" And P8.Value <> "" And MD8.Value <>
"" And MO8.Value <> "" And U8.Value <> "" And UO8.Value <> "" And MPI8.Value <> "" And Y8.Value <> "" Then

                    'Sends data to flyash sheet in EDITMODE
                    Sheet2.Range("s" & (row)).Value = data.MM8.Text
                    MM8.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H8.Text
                    H8.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI8.Text
                    NGI8.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL8.Text
                    LL8.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI8.Text
                    PI8.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT8.Text
                    PT8.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M8.Text
                    M8.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O8.Text
                    O8.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P8.Text
                    P8.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD8.Text
                    MD8.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO8.Text
                    MO8.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U8.Text
                    U8.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO8.Text
                    UO8.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI8.Text
                    MPI8.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y8.Text
                    Y8.Value = ""
                    c8.Value = ""
                    d8.Value = ""
End If
End If
End Sub
Private Sub EDITFLYASH9()    'CODE FOR SETUP OF EDIT MODE FORM FLYASH
                If d9.Value = True Then
                    Sheet2.Range("v3").Value = data.c9.Text
                    row = Sheet2.Range("w3")

                If H9.Value <> "" And MM9.Value <> "" And NGI9.Value <> "" And P9.Value <> "" And MD9.Value <>
"" And MO9.Value <> "" And U9.Value <> "" And UO9.Value <> "" And MPI9.Value <> "" And Y9.Value <> "" Then

                    'Sends data to flyash sheet in EDITMODE
                    Sheet2.Range("s" & (row)).Value = data.MM9.Text
```

```
                MM9.Value = ""
                Sheet2.Range("r" & (row)).Value = data.H9.Text
                H9.Value = ""
                Sheet2.Range("t" & (row)).Value = data.NGI9.Text
                NGI9.Value = ""
                Sheet2.Range("u" & (row)).Value = data.LL9.Text
                LL9.Value = ""
                Sheet2.Range("v" & (row)).Value = data.PI9.Text
                PI9.Value = ""
                Sheet2.Range("w" & (row)).Value = data.PT9.Text
                PT9.Value = ""
                Sheet2.Range("x" & (row)).Value = data.M9.Text
                M9.Value = ""
                Sheet2.Range("y" & (row)).Value = data.O9.Text
                O9.Value = ""
                Sheet2.Range("ab" & (row)).Value = data.P9.Text
                P9.Value = ""
                Sheet2.Range("ac" & (row)).Value = data.MD9.Text
                MD9.Value = ""
                Sheet2.Range("ad" & (row)).Value = data.MO9.Text
                MO9.Value = ""
                Sheet2.Range("ae" & (row)).Value = data.U9.Text
                U9.Value = ""
                Sheet2.Range("af" & (row)).Value = data.UO9.Text
                UO9.Value = ""
                Sheet2.Range("ag" & (row)).Value = data.MPI9.Text
                MPI9.Value = ""
                Sheet2.Range("ah" & (row)).Value = data.Y9.Text
                Y9.Value = ""
                c9.Value = ""
                d9.Value = ""
End If
End If
End Sub
Private Sub EDITFLYASH10()  'CODE FOR SETUP OF EDIT MODE FORM FLYASH
            If d10.Value = True Then
                Sheet2.Range("v3").Value = data.c10.Text
                row = Sheet2.Range("w3")
            If H10.Value <> "" And MM10.Value <> "" And NGI10.Value <> "" And P10.Value <> "" And MD10.Value <>
"" And MO10.Value <> "" And U10.Value <> "" And UO10.Value <> "" And MPI10.Value <> "" And Y10.Value <> "" Then

                'Sends data to flyash sheet in EDIT MODE
                Sheet2.Range("s" & (row)).Value = data.MM10.Text
                MM10.Value = ""
                Sheet2.Range("r" & (row)).Value = data.H10.Text
                H10.Value = ""
                Sheet2.Range("t" & (row)).Value = data.NGI10.Text
                NGI10.Value = ""
                Sheet2.Range("u" & (row)).Value = data.LL10.Text
                LL10.Value = ""
                Sheet2.Range("v" & (row)).Value = data.PI10.Text
                PI10.Value = ""
                Sheet2.Range("w" & (row)).Value = data.PT10.Text
                PT10.Value = ""
                Sheet2.Range("x" & (row)).Value = data.M10.Text
                M10.Value = ""
                Sheet2.Range("y" & (row)).Value = data.O10.Text
                O10.Value = ""
                Sheet2.Range("ab" & (row)).Value = data.P10.Text
                P10.Value = ""
                Sheet2.Range("ac" & (row)).Value = data.MD10.Text
                MD10.Value = ""
                Sheet2.Range("ad" & (row)).Value = data.MO10.Text
                MO10.Value = ""
                Sheet2.Range("ae" & (row)).Value = data.U10.Text
                U10.Value = ""
                Sheet2.Range("af" & (row)).Value = data.UO10.Text
                UO10.Value = ""
                Sheet2.Range("ag" & (row)).Value = data.MPI10.Text
                MPI10.Value = ""
                Sheet2.Range("ah" & (row)).Value = data.Y10.Text
                Y10.Value = ""
                c10.Value = ""
                d10.Value = ""
End If
End If
End Sub
Private Sub EDITCKD1()  'CODE FOR SETUP OF EDIT MODE FORM CKD
              If d1.Value = True Then
                Sheet6.Range("v3").Value = data.c1.Text
                row = Sheet6.Range("w3")
```

```
            If H1.Value <> "" And MM1.Value <> "" And NGI1.Value <> "" And P1.Value <> "" And MD1.Value <> ""
And MO1.Value <> "" And U1.Value <> "" And UO1.Value <> "" And MPI1.Value <> "" And Y1.Value <> "" Then

                    'Sends data to CKD sheet in EDIT MODE
                    Sheet6.Range("s" & (row)).Value = data.MM1.Text
                    MM1.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H1.Text
                    H1.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI1.Text
                    NGI1.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL1.Text
                    LL1.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI1.Text
                    PI1.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT1.Text
                    PT1.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M1.Text
                    M1.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O1.Text
                    O1.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P1.Text
                    P1.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD1.Text
                    MD1.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO1.Text
                    MO1.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U1.Text
                    U1.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO1.Text
                    UO1.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI1.Text
                    MPI1.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y1.Text
                    Y1.Value = ""
                    c1.Value = ""
                    d1.Value = ""
End If
End If
End Sub
Private Sub EDITCKD2()  'CODE FOR SETUP OF EDIT MODE FORM CKD
              If d2.Value = True Then
                Sheet6.Range("v3").Value = data.c2.Text
                row = Sheet6.Range("w3")

            If H2.Value <> "" And MM2.Value <> "" And NGI2.Value <> "" And P2.Value <> "" And MD2.Value <> ""
And MO2.Value <> "" And U2.Value <> "" And UO2.Value <> "" And MPI2.Value <> "" And Y2.Value <> "" Then

                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM2.Text
                    MM2.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H2.Text
                    H2.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI2.Text
                    NGI2.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL2.Text
                    LL2.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI2.Text
                    PI2.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT2.Text
                    PT2.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M2.Text
                    M2.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O2.Text
                    O2.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P2.Text
                    P2.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD2.Text
                    MD2.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO2.Text
                    MO2.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U2.Text
                    U2.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO2.Text
                    UO2.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI2.Text
                    MPI2.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y2.Text
                    Y2.Value = ""
                    c2.Value = ""
```

```
                    d2.Value = ""

End If
End If
End Sub
Private Sub EDITCKD3()  'CODE FOR SETUP OF EDIT MODE FORM CKD
                 If d3.Value = True Then
                    Sheet6.Range("v3").Value = data.c3.Text
                    row = Sheet2.Range("w3")

                If H3.Value <> "" And MM3.Value <> "" And NGI3.Value <> "" And P3.Value <> "" And MD3.Value <>
"" And MO3.Value <> "" And U3.Value <> "" And UO3.Value <> "" And MPI3.Value <> "" And Y3.Value <> "" Then

                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM3.Text
                    MM3.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H3.Text
                    H3.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI3.Text
                    NGI3.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL3.Text
                    LL3.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI3.Text
                    PI3.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT3.Text
                    PT3.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M3.Text
                    M3.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O3.Text
                    O3.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P3.Text
                    P3.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD3.Text
                    MD3.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO3.Text
                    MO3.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U3.Text
                    U3.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO3.Text
                    UO3.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI3.Text
                    MPI3.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y3.Text
                    Y3.Value = ""
                    c3.Value = ""
                    d3.Value = ""

End If
End If
End Sub
Private Sub EDITCKD4()  'CODE FOR SETUP OF EDIT MODE FORM CKD
                If d4.Value = True Then
                    Sheet6.Range("v3").Value = data.c4.Text
                    row = Sheet6.Range("w3")

                If H4.Value <> "" And MM4.Value <> "" And NGI4.Value <> "" And P4.Value <> "" And MD4.Value <>
"" And MO4.Value <> "" And U4.Value <> "" And UO4.Value <> "" And MPI4.Value <> "" And Y4.Value <> "" Then

                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM4.Text
                    MM4.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H4.Text
                    H4.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI4.Text
                    NGI4.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL4.Text
                    LL4.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI4.Text
                    PI4.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT4.Text
                    PT4.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M4.Text
                    M4.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O4.Text
                    O4.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P4.Text
                    P4.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD4.Text
                    MD4.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO4.Text
                    MO4.Value = ""
```

```
                    Sheet6.Range("ae" & (row)).Value = data.U4.Text
                    U4.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO4.Text
                    UO4.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI4.Text
                    MPI4.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y4.Text
                    Y4.Value = ""
                    c4.Value = ""
                    d4.Value = ""
End If
End If
End Sub
Private Sub EDITCKD5()  'CODE FOR SETUP OF EDIT MODE FORM CKD

                  If d5.Value = True Then
                    Sheet6.Range("v3").Value = data.c5.Text
                    row = Sheet6.Range("w3")

                If H5.Value <> "" And MM5.Value <> "" And NGI5.Value <> "" And P5.Value <> "" And MD5.Value <>
"" And MO5.Value <> "" And U5.Value <> "" And UO5.Value <> "" And MPI5.Value <> "" And Y5.Value <> "" Then

                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM5.Text
                    MM5.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H5.Text
                    H5.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI5.Text
                    NGI5.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL5.Text
                    LL5.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI5.Text
                    PI5.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT5.Text
                    PT5.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M5.Text
                    M5.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O5.Text
                    O5.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P5.Text
                    P5.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD5.Text
                    MD5.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO5.Text
                    MO5.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U5.Text
                    U5.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO5.Text
                    UO5.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI5.Text
                    MPI5.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y5.Text
                    Y5.Value = ""
                    c5.Value = ""
                    d5.Value = ""
End If
End If
End Sub
Private Sub EDITCKD6()  'CODE FOR SETUP OF EDIT MODE FORM CKD

                 If d6.Value = True Then
                    Sheet6.Range("v3").Value = data.c6.Text
                    row = Sheet6.Range("w3")

                If H6.Value <> "" And MM6.Value <> "" And NGI6.Value <> "" And P6.Value <> "" And MD6.Value <>
"" And MO6.Value <> "" And U6.Value <> "" And UO6.Value <> "" And MPI6.Value <> "" And Y6.Value <> "" Then
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM6.Text
                    MM6.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H6.Text
                    H6.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI6.Text
                    NGI6.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL6.Text
                    LL6.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI6.Text
                    PI6.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT6.Text
                    PT6.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M6.Text
                    M6.Value = ""
```

```
                    Sheet6.Range("y" & (row)).Value = data.O6.Text
                    O6.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P6.Text
                    P6.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD6.Text
                    MD6.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO6.Text
                    MO6.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U6.Text
                    U6.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO6.Text
                    UO6.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI6.Text
                    MPI6.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y6.Text
                    Y6.Value = ""
                    c6.Value = ""
                    d6.Value = ""
End If
End If
End Sub
Private Sub EDITCKD7()  'CODE FOR SETUP OF EDIT MODE FORM CKD

              If d7.Value = True Then
                Sheet6.Range("v3").Value = data.c7.Text
                row = Sheet6.Range("w3")

            If H7.Value <> "" And MM7.Value <> "" And NGI7.Value <> "" And P7.Value <> "" And MD7.Value <> ""
And MO7.Value <> "" And U7.Value <> "" And UO7.Value <> "" And MPI7.Value <> "" And Y7.Value <> "" Then

                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM7.Text
                    MM7.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H7.Text
                    H7.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI7.Text
                    NGI7.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL7.Text
                    LL7.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI7.Text
                    PI7.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT7.Text
                    PT7.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M7.Text
                    M7.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O7.Text
                    O7.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P7.Text
                    P7.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD7.Text
                    MD7.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO7.Text
                    MO7.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U7.Text
                    U7.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO7.Text
                    UO7.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI7.Text
                    MPI7.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y7.Text
                    Y7.Value = ""
                    c7.Value = ""
                    d7.Value = ""

End If
End If
End Sub
Private Sub EDITCKD8()  'CODE FOR SETUP OF EDIT MODE FORM CKD
                  If d8.Value = True Then
                    Sheet6.Range("v3").Value = data.c8.Text
                    row = Sheet6.Range("w3")

                 If H8.Value <> "" And MM8.Value <> "" And NGI8.Value <> "" And P8.Value <> "" And MD8.Value <>
"" And MO8.Value <> "" And U8.Value <> "" And UO8.Value <> "" And MPI8.Value <> "" And Y8.Value <> "" Then

                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM8.Text
                    MM8.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H8.Text
                    H8.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI8.Text
```

```
                    NGI8.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL8.Text
                    LL8.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI8.Text
                    PI8.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT8.Text
                    PT8.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M8.Text
                    M8.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O8.Text
                    O8.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P8.Text
                    P8.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD8.Text
                    MD8.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO8.Text
                    MO8.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U8.Text
                    U8.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO8.Text
                    UO8.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI8.Text
                    MPI8.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y8.Text
                    Y8.Value = ""
                    c8.Value = ""
                    d8.Value = ""

End If
End If
End Sub
Private Sub EDITCKD9()  'CODE FOR SETUP OF EDIT MODE FORM CKD
                If d9.Value = True Then
                    Sheet6.Range("v3").Value = data.c9.Text
                    row = Sheet6.Range("w3")

                If H9.Value <> "" And MM9.Value <> "" And NGI9.Value <> "" And P9.Value <> "" And MD9.Value <>
"" And MO9.Value <> "" And U9.Value <> "" And UO9.Value <> "" And MPI9.Value <> "" And Y9.Value <> "" Then

                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM9.Text
                    MM9.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H9.Text
                    H9.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI9.Text
                    NGI9.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL9.Text
                    LL9.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI9.Text
                    PI9.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT9.Text
                    PT9.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M9.Text
                    M9.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O9.Text
                    O9.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P9.Text
                    P9.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD9.Text
                    MD9.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO9.Text
                    MO9.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U9.Text
                    U9.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO9.Text
                    UO9.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI9.Text
                    MPI9.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y9.Text
                    Y9.Value = ""
                    c9.Value = ""
                    d9.Value = ""
End If
End If
End Sub
Private Sub EDITCKD10()      'CODE FOR SETUP OF EDIT MODE FORM CKD
            If d10.Value = True Then
                Sheet6.Range("v3").Value = data.c10.Text
                row = Sheet6.Range("w3")
            If H10.Value <> "" And MM10.Value <> "" And NGI10.Value <> "" And P10.Value <> "" And MD10.Value <>
"" And MO10.Value <> "" And U10.Value <> "" And UO10.Value <> "" And MPI10.Value <> "" And Y10.Value <> "" Then
```

```
                    'Sends data to CKD sheet in EDIT MODE
                    Sheet6.Range("s" & (row)).Value = data.MM10.Text
                    MM10.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H10.Text
                    H10.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI10.Text
                    NGI10.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL10.Text
                    LL10.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI10.Text
                    PI10.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT10.Text
                    PT10.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M10.Text
                    M10.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O10.Text
                    O10.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P10.Text
                    P10.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD10.Text
                    MD10.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO10.Text
                    MO10.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U10.Text
                    U10.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO10.Text
                    UO10.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI10.Text
                    MPI10.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y10.Text
                    Y10.Value = ""
                    c10.Value = ""
                    d10.Value = ""
End If
End If
End Sub
Private Sub EDITLIME1()      'CODE FOR SETUP OF EDIT MODE FROM LIME
              If d1.Value = True Then
                Sheet3.Range("v3").Value = data.c1.Text
                row = Sheet3.Range("w3")

             If H1.Value <> "" And MM1.Value <> "" And NGI1.Value <> "" And P1.Value <> "" And MD1.Value <> ""
And MO1.Value <> "" And U1.Value <> "" And MPI1.Value <> "" And Y1.Value <> "" Then


                    'Sends data to LIME sheet in EDIT MODE
                    Sheet3.Range("s" & (row)).Value = data.MM1.Text
                    MM1.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H1.Text
                    H1.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI1.Text
                    NGI1.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL1.Text
                    LL1.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI1.Text
                    PI1.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT1.Text
                    PT1.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M1.Text
                    M1.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O1.Text
                    O1.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P1.Text
                    P1.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD1.Text
                    MD1.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO1.Text
                    MO1.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U1.Text
                    U1.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO1.Text
                    UO1.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI1.Text
                    MPI1.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y1.Text
                    Y1.Value = ""
                    c1.Value = ""
                    d1.Value = ""
End If
End If
```

```
End Sub
Private Sub EDITLIME2()      'CODE FOR SETUP OF EDIT MODE FORM LIME
              If d2.Value = True Then
                Sheet3.Range("v3").Value = data.c2.Text
                row = Sheet3.Range("w3")

            If H2.Value <> "" And MM2.Value <> "" And NGI2.Value <> "" And P2.Value <> "" And MD2.Value <> ""
And MO2.Value <> "" And U2.Value <> "" And MPI2.Value <> "" And Y2.Value <> "" Then

                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM2.Text
                    MM2.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H2.Text
                    H2.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI2.Text
                    NGI2.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL2.Text
                    LL2.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI2.Text
                    PI2.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT2.Text
                    PT2.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M2.Text
                    M2.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O2.Text
                    O2.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P2.Text
                    P2.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD2.Text
                    MD2.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO2.Text
                    MO2.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U2.Text
                    U2.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO2.Text
                    UO2.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI2.Text
                    MPI2.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y2.Text
                    Y2.Value = ""
                    c2.Value = ""
                    d2.Value = ""
End If
End If
End Sub
Private Sub EDITLIME3()      'CODE FOR SETUP OF EDIT MODE FORM LIME
                 If d3.Value = True Then
                    Sheet3.Range("v3").Value = data.c3.Text
                    row = Sheet3.Range("w3")

                If H3.Value <> "" And MM3.Value <> "" And NGI3.Value <> "" And P3.Value <> "" And MD3.Value <>
"" And MO3.Value <> "" And U3.Value <> "" And MPI3.Value <> "" And Y3.Value <> "" Then

                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM3.Text
                    MM3.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H3.Text
                    H3.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI3.Text
                    NGI3.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL3.Text
                    LL3.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI3.Text
                    PI3.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT3.Text
                    PT3.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M3.Text
                    M3.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O3.Text
                    O3.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P3.Text
                    P3.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD3.Text
                    MD3.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO3.Text
                    MO3.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U3.Text
                    U3.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO3.Text
                    UO3.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI3.Text
```

```
                    MPI3.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y3.Text
                    Y3.Value = ""
                    c3.Value = ""
                    d3.Value = ""
            End If
            End If
End Sub
Private Sub EDITLIME4()      'CODE FOR SETUP OF EDIT MODE FORM LIME
                If d4.Value = True Then
                    Sheet3.Range("v3").Value = data.c4.Text
                    row = Sheet3.Range("w3")

                If H4.Value <> "" And MM4.Value <> "" And NGI4.Value <> "" And P4.Value <> "" And MD4.Value <>
"" And MO4.Value <> "" And U4.Value <> "" And MPI4.Value <> "" And Y4.Value <> "" Then

                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM4.Text
                    MM4.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H4.Text
                    H4.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI4.Text
                    NGI4.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL4.Text
                    LL4.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI4.Text
                    PI4.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT4.Text
                    PT4.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M4.Text
                    M4.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O4.Text
                    O4.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P4.Text
                    P4.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD4.Text
                    MD4.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO4.Text
                    MO4.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U4.Text
                    U4.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO4.Text
                    UO4.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI4.Text
                    MPI4.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y4.Text
                    Y4.Value = ""
                    c4.Value = ""
                    d4.Value = ""
            End If
            End If
End Sub
Private Sub EDITLIME5()      'CODE FOR SETUP OF EDIT MODE FORM LIME
                  If d5.Value = True Then
                    Sheet3.Range("v3").Value = data.c5.Text
                    row = Sheet3.Range("w3")

                If H5.Value <> "" And MM5.Value <> "" And NGI5.Value <> "" And P5.Value <> "" And MD5.Value <>
"" And MO5.Value <> "" And U5.Value <> "" And MPI5.Value <> "" And Y5.Value <> "" Then

                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM5.Text
                    MM5.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H5.Text
                    H5.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI5.Text
                    NGI5.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL5.Text
                    LL5.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI5.Text
                    PI5.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT5.Text
                    PT5.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M5.Text
                    M5.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O5.Text
                    O5.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P5.Text
                    P5.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD5.Text
                    MD5.Value = ""
```

```
                    Sheet3.Range("ad" & (row)).Value = data.MO5.Text
                    MO5.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U5.Text
                    U5.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO5.Text
                    UO5.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI5.Text
                    MPI5.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y5.Text
                    Y5.Value = ""
                    c5.Value = ""
                    d5.Value = ""
            End If
            End If
End Sub
Private Sub EDITLIME6()      'CODE FOR SETUP OF EDIT MODE FORM LIME
                 If d6.Value = True Then
                    Sheet3.Range("v3").Value = data.c6.Text
                    row = Sheet3.Range("w3")

                 If H6.Value <> "" And MM6.Value <> "" And NGI6.Value <> "" And P6.Value <> "" And MD6.Value <>
"" And MO6.Value <> "" And U6.Value <> "" And MPI6.Value <> "" And Y6.Value <> "" Then
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM6.Text
                    MM6.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H6.Text
                    H6.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI6.Text
                    NGI6.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL6.Text
                    LL6.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI6.Text
                    PI6.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT6.Text
                    PT6.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M6.Text
                    M6.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O6.Text
                    O6.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P6.Text
                    P6.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD6.Text
                    MD6.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO6.Text
                    MO6.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U6.Text
                    U6.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO6.Text
                    UO6.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI6.Text
                    MPI6.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y6.Text
                    Y6.Value = ""
                    c6.Value = ""
                    d6.Value = ""
             End If
             End If
End Sub
Private Sub EDITLIME7()      'CODE FOR SETUP OF EDIT MODE FORM LIME
             If d7.Value = True Then
               Sheet3.Range("v3").Value = data.c7.Text
               row = Sheet3.Range("w3")

            If H7.Value <> "" And MM7.Value <> "" And NGI7.Value <> "" And P7.Value <> "" And MD7.Value <> ""
And MO7.Value <> "" And U7.Value <> "" And MPI7.Value <> "" And Y7.Value <> "" Then

                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM7.Text
                    MM7.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H7.Text
                    H7.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI7.Text
                    NGI7.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL7.Text
                    LL7.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI7.Text
                    PI7.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT7.Text
                    PT7.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M7.Text
                    M7.Value = ""
```

```
                Sheet3.Range("y" & (row)).Value = data.O7.Text
                O7.Value = ""
                Sheet3.Range("ab" & (row)).Value = data.P7.Text
                P7.Value = ""
                Sheet3.Range("ac" & (row)).Value = data.MD7.Text
                MD7.Value = ""
                Sheet3.Range("ad" & (row)).Value = data.MO7.Text
                MO7.Value = ""
                Sheet3.Range("ae" & (row)).Value = data.U7.Text
                U7.Value = ""
                Sheet3.Range("af" & (row)).Value = data.UO7.Text
                UO7.Value = ""
                Sheet3.Range("ag" & (row)).Value = data.MPI7.Text
                MPI7.Value = ""
                Sheet3.Range("ah" & (row)).Value = data.Y7.Text
                Y7.Value = ""
                c7.Value = ""
                d7.Value = ""
            End If
            End If
End Sub
Private Sub EDITLIME8()      'CODE FOR SETUP OF EDIT MODE FORM LIME
                If d8.Value = True Then
                Sheet3.Range("v3").Value = data.c8.Text
                row = Sheet3.Range("w3")

                If H8.Value <> "" And MM8.Value <> "" And NGI8.Value <> "" And P8.Value <> "" And MD8.Value <>
"" And MO8.Value <> "" And U8.Value <> "" And MPI8.Value <> "" And Y8.Value <> "" Then

                'Sends data to LIME sheet
                Sheet3.Range("s" & (row)).Value = data.MM8.Text
                MM8.Value = ""
                Sheet3.Range("r" & (row)).Value = data.H8.Text
                H8.Value = ""
                Sheet3.Range("t" & (row)).Value = data.NGI8.Text
                NGI8.Value = ""
                Sheet3.Range("u" & (row)).Value = data.LL8.Text
                LL8.Value = ""
                Sheet3.Range("v" & (row)).Value = data.PI8.Text
                PI8.Value = ""
                Sheet3.Range("w" & (row)).Value = data.PT8.Text
                PT8.Value = ""
                Sheet3.Range("x" & (row)).Value = data.M8.Text
                M8.Value = ""
                Sheet3.Range("y" & (row)).Value = data.O8.Text
                O8.Value = ""
                Sheet3.Range("ab" & (row)).Value = data.P8.Text
                P8.Value = ""
                Sheet3.Range("ac" & (row)).Value = data.MD8.Text
                MD8.Value = ""
                Sheet3.Range("ad" & (row)).Value = data.MO8.Text
                MO8.Value = ""
                Sheet3.Range("ae" & (row)).Value = data.U8.Text
                U8.Value = ""
                Sheet3.Range("af" & (row)).Value = data.UO8.Text
                UO8.Value = ""
                Sheet3.Range("ag" & (row)).Value = data.MPI8.Text
                MPI8.Value = ""
                Sheet3.Range("ah" & (row)).Value = data.Y8.Text
                Y8.Value = ""
                c8.Value = ""
                d8.Value = ""
            End If
            End If
End Sub
Private Sub EDITLIME9()      'CODE FOR SETUP OF EDIT MODE FORM LIME
                If d9.Value = True Then
                Sheet3.Range("v3").Value = data.c9.Text
                row = Sheet3.Range("w3")

                If H9.Value <> "" And MM9.Value <> "" And NGI9.Value <> "" And P9.Value <> "" And MD9.Value <>
"" And MO9.Value <> "" And U9.Value <> "" And MPI9.Value <> "" And Y9.Value <> "" Then

                'Sends data to LIME sheet
                Sheet3.Range("s" & (row)).Value = data.MM9.Text
                MM9.Value = ""
                Sheet3.Range("r" & (row)).Value = data.H9.Text
                H9.Value = ""
                Sheet3.Range("t" & (row)).Value = data.NGI9.Text
                NGI9.Value = ""
                Sheet3.Range("u" & (row)).Value = data.LL9.Text
```

```
                    LL9.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI9.Text
                    PI9.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT9.Text
                    PT9.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M9.Text
                    M9.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O9.Text
                    O9.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P9.Text
                    P9.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD9.Text
                    MD9.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO9.Text
                    MO9.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U9.Text
                    U9.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO9.Text
                    UO9.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI9.Text
                    MPI9.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y9.Text
                    Y9.Value = ""
                    c9.Value = ""
                    d9.Value = ""
            End If
            End If
End Sub
Private Sub EDITLIME10()          'CODE FOR SETUP OF EDIT MODE FORM LIME
            If d10.Value = True Then
                Sheet3.Range("v3").Value = data.c10.Text
                row = Sheet3.Range("w3")
            If H10.Value <> "" And MM10.Value <> "" And NGI10.Value <> "" And P10.Value <> "" And MD10.Value <>
"" And MO10.Value <> "" And U10.Value <> "" And MPI10.Value <> "" And Y10.Value <> "" Then

                    'Sends data to LIME sheet in EDIT MODE
                    Sheet3.Range("s" & (row)).Value = data.MM10.Text
                    MM10.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H10.Text
                    H10.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI10.Text
                    NGI10.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL10.Text
                    LL10.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI10.Text
                    PI10.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT10.Text
                    PT10.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M10.Text
                    M10.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O10.Text
                    O10.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P10.Text
                    P10.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD10.Text
                    MD10.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO10.Text
                    MO10.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U10.Text
                    U10.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO10.Text
                    UO10.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI10.Text
                    MPI10.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y10.Text
                    Y10.Value = ""
                    c10.Value = ""
                    d10.Value = ""
              End If
              End If
End Sub
Private Sub editinsert_Click() 'CODE FOR EDITING ADDITIVE TYPES THEN SORTING BY NGI's

    If add.Value <> "FLYASH" And add.Value <> "CKD" And add.Value <> "LIME" Then
       prompt = "Missing Additive Type"
       status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Error")


    Else
    If add.Value = "FLYASH" Then
                            EDITFLYASH1
```

```
                        EDITFLYASH2
                        EDITFLYASH3
                        EDITFLYASH4
                        EDITFLYASH5
                        EDITFLYASH6
                        EDITFLYASH7
                        EDITFLYASH8
                        EDITFLYASH9
                        EDITFLYASH10

  'sorting FLYASH by ngi
Sheets("FLYASH").Select
Range("T31").Select
ActiveWorkbook.Worksheets("FLYASH").sort.SortFields.Clear
ActiveWorkbook.Worksheets("FLYASH").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("FLYASH").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

Else
If add.Value = "CKD" Then
                        EDITCKD1
                        EDITCKD2
                        EDITCKD3
                        EDITCKD4
                        EDITCKD5
                        EDITCKD6
                        EDITCKD7
                        EDITCKD8
                        EDITCKD9
                        EDITCKD10
 'sorting by ngi
Sheets("CKD").Select
Range("T31").Select
ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("CKD").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
    .Apply
    Sheets("Sheet1").Select
End With

Else
If add.Value = "LIME" Then
    Label21.Visible = False
    UO1.Visible = False

                        EDITLIME1
                        EDITLIME2
                        EDITLIME3
                        EDITLIME4
                        EDITLIME5
                        EDITLIME6
                        EDITLIME7
                        EDITLIME8
                        EDITLIME9
                        EDITLIME10
'sorting by ngi
Sheets("LIME").Select
Range("T31").Select
ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
    SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
With ActiveWorkbook.Worksheets("LIME").sort
    .SetRange Range("R31:AH1048000")
    .Header = xlNo
    .MatchCase = False
    .Orientation = xlTopToBottom
    .SortMethod = xlPinYin
```

```
        .Apply
        Sheets("Sheet1").Select
    End With


End If
End If
End If
End If
End Sub
Private Sub exitmode_Click()
FORMATVIEWMODE
    Sheets("FLYASH").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("FLYASH").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("FLYASH").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("FLYASH").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
    Sheets("Sheet1").Select
    End With

    Sheets("CKD").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("CKD").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With

    Sheets("LIME").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("LIME").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
End Sub
Private Sub INSERTFLYASH1()       'CODE FOR SETUP OF EDIT MODE FORM FLYASH
                If H1.Value <> "" And MM1.Value <> "" And NGI1.Value <> "" And P1.Value <> "" And MD1.Value <>
"" And MO1.Value <> "" And U1.Value <> "" And UO1.Value <> "" And MPI1.Value <> "" And Y1.Value <> "" Then
                  lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                   Sheet2.Range("t29").Value = lastrow + 1
                   row = Sheet2.Range("t29")
                   'Sends data to flyash sheet
                   Sheet2.Range("s" & (row)).Value = data.MM1.Text
                   MM1.Value = ""
                   Sheet2.Range("r" & (row)).Value = data.H1.Text
                   H1.Value = ""
                   Sheet2.Range("t" & (row)).Value = data.NGI1.Text
                   NGI1.Value = ""
                   Sheet2.Range("u" & (row)).Value = data.LL1.Text
                   LL1.Value = ""
                   Sheet2.Range("v" & (row)).Value = data.PI1.Text
                   PI1.Value = ""
                   Sheet2.Range("w" & (row)).Value = data.PT1.Text
                   PT1.Value = ""
                   Sheet2.Range("x" & (row)).Value = data.M1.Text
                   M1.Value = ""
                   Sheet2.Range("y" & (row)).Value = data.O1.Text
                   O1.Value = ""
                   Sheet2.Range("ab" & (row)).Value = data.P1.Text
```

```
                P1.Value = ""
                Sheet2.Range("ac" & (row)).Value = data.MD1.Text
                MD1.Value = ""
                Sheet2.Range("ad" & (row)).Value = data.MO1.Text
                MO1.Value = ""
                Sheet2.Range("ae" & (row)).Value = data.U1.Text
                U1.Value = ""
                Sheet2.Range("af" & (row)).Value = data.UO1.Text
                UO1.Value = ""
                Sheet2.Range("ag" & (row)).Value = data.MPI1.Text
                MPI1.Value = ""
                Sheet2.Range("ah" & (row)).Value = data.Y1.Text
                Y1.Value = ""
                        Sheet2.Range("z" & (row)).Value =
                        Sheet2.Range("aa24") + 1
                c1.Value = ""
                Sheet2.Range("aa" & (row)).Value = "Flyash"

        End If
End Sub
Private Sub INSERTFLYASH2()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
        If H2.Value <> "" And MM2.Value <> "" And NGI2.Value <> "" And P2.Value <> "" And MD2.Value <> ""
And MO2.Value <> "" And U2.Value <> "" And UO2.Value <> "" And MPI2.Value <> "" And Y2.Value <> "" Then
                lastrow = Sheet2.Range("r" &
                        Rows.Count).End(xlUp).row
                Sheet2.Range("t29").Value = lastrow + 1
                row = Sheet2.Range("t29")
                'Sends data to flyash sheet
                Sheet2.Range("s" & (row)).Value = data.MM2.Text
                MM2.Value = ""
                Sheet2.Range("r" & (row)).Value = data.H2.Text
                H2.Value = ""
                Sheet2.Range("t" & (row)).Value = data.NGI2.Text
                NGI2.Value = ""
                Sheet2.Range("u" & (row)).Value = data.LL2.Text
                LL2.Value = ""
                Sheet2.Range("v" & (row)).Value = data.PI2.Text
                PI2.Value = ""
                Sheet2.Range("w" & (row)).Value = data.PT2.Text
                PT2.Value = ""
                Sheet2.Range("x" & (row)).Value = data.M2.Text
                M2.Value = ""
                Sheet2.Range("y" & (row)).Value = data.O2.Text
                O2.Value = ""
                Sheet2.Range("ab" & (row)).Value = data.P2.Text
                P2.Value = ""
                Sheet2.Range("ac" & (row)).Value = data.MD2.Text
                MD2.Value = ""
                Sheet2.Range("ad" & (row)).Value = data.MO2.Text
                MO2.Value = ""
                Sheet2.Range("ae" & (row)).Value = data.U2.Text
                U2.Value = ""
                Sheet2.Range("af" & (row)).Value = data.UO2.Text
                UO2.Value = ""
                Sheet2.Range("ag" & (row)).Value = data.MPI2.Text
                MPI2.Value = ""
                Sheet2.Range("ah" & (row)).Value = data.Y2.Text
                Y2.Value = ""
                  Sheet2.Range("z" & (row)).Value =
        Sheet2.Range("aa24") + 1
                c1.Value = ""
                Sheet2.Range("aa" & (row)).Value = "Flyash"

        End If
End Sub
Private Sub INSERTFLYASH3()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
                If H3.Value <> "" And MM3.Value <> "" And NGI3.Value <> "" And P3.Value <> "" And MD3.Value <>
"" And MO3.Value <> "" And U3.Value <> "" And UO3.Value <> "" And MPI3.Value <> "" And Y3.Value <> "" Then
                        lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                Sheet2.Range("t29").Value = lastrow + 1
                row = Sheet2.Range("t29")
                'Sends data to flyash sheet
                Sheet2.Range("s" & (row)).Value = data.MM3.Text
                MM3.Value = ""
                Sheet2.Range("r" & (row)).Value = data.H3.Text
                H3.Value = ""
                Sheet2.Range("t" & (row)).Value = data.NGI3.Text
                NGI3.Value = ""
                Sheet2.Range("u" & (row)).Value = data.LL3.Text
                LL3.Value = ""
                Sheet2.Range("v" & (row)).Value = data.PI3.Text
```

```
                    PI3.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT3.Text
                    PT3.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M3.Text
                    M3.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O3.Text
                    O3.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P3.Text
                    P3.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD3.Text
                    MD3.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO3.Text
                    MO3.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U3.Text
                    U3.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO3.Text
                    UO3.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI3.Text
                    MPI3.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y3.Text
                    Y3.Value = ""
                    Sheet2.Range("z" & (row)).Value =
Sheet2.Range("aa24") + 1
                    c1.Value = ""
                    Sheet2.Range("aa" & (row)).Value = "Flyash"

            End If
End Sub
Private Sub INSERTFLYASH4()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
                If H4.Value <> "" And MM4.Value <> "" And NGI4.Value <> "" And P4.Value <> "" And MD4.Value <>
"" And MO4.Value <> "" And U4.Value <> "" And UO4.Value <> "" And MPI4.Value <> "" And Y4.Value <> "" Then
                              lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                    Sheet2.Range("t29").Value = lastrow + 1
                    row = Sheet2.Range("t29")
                    'Sends data to flyash sheet
                    Sheet2.Range("s" & (row)).Value = data.MM4.Text
                    MM4.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H4.Text
                    H4.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI4.Text
                    NGI4.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL4.Text
                    LL4.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI4.Text
                    PI4.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT4.Text
                    PT4.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M4.Text
                    M4.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O4.Text
                    O4.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P4.Text
                    P4.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD4.Text
                    MD4.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO4.Text
                    MO4.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U4.Text
                    U4.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO4.Text
                    UO4.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI4.Text
                    MPI4.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y4.Text
                    Y4.Value = ""
                    Sheet2.Range("z" & (row)).Value =
Sheet2.Range("aa24") + 1
                    c1.Value = ""
                    Sheet2.Range("aa" & (row)).Value = "Flyash"

            End If
End Sub
Private Sub INSERTFLYASH5()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
                If H5.Value <> "" And MM5.Value <> "" And NGI5.Value <> "" And P5.Value <> "" And MD5.Value <>
"" And MO5.Value <> "" And U5.Value <> "" And UO5.Value <> "" And MPI5.Value <> "" And Y5.Value <> "" Then
                              lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                    Sheet2.Range("t29").Value = lastrow + 1
                    row = Sheet2.Range("t29")
                    'Sends data to flyash sheet
                    Sheet2.Range("s" & (row)).Value = data.MM5.Text
                    MM5.Value = ""
```

```
                    Sheet2.Range("r" & (row)).Value = data.H5.Text
                    H5.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI5.Text
                    NGI5.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL5.Text
                    LL5.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI5.Text
                    PI5.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT5.Text
                    PT5.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M5.Text
                    M5.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O5.Text
                    O5.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P5.Text
                    P5.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD5.Text
                    MD5.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO5.Text
                    MO5.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U5.Text
                    U5.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO5.Text
                    UO5.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI5.Text
                    MPI5.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y5.Text
                    Y5.Value = ""
                    Sheet2.Range("z" & (row)).Value =
Sheet2.Range("aa24") + 1
                    c1.Value = ""
                    Sheet2.Range("aa" & (row)).Value = "Flyash"

            End If
End Sub
Private Sub INSERTFLYASH6()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
                If H6.Value <> "" And MM6.Value <> "" And NGI6.Value <> "" And P6.Value <> "" And MD6.Value <>
"" And MO6.Value <> "" And U6.Value <> "" And UO6.Value <> "" And MPI6.Value <> "" And Y6.Value <> "" Then
                            lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                    Sheet2.Range("t29").Value = lastrow + 1
                    row = Sheet2.Range("t29")
                    'Sends data to flyash sheet
                    Sheet2.Range("s" & (row)).Value = data.MM6.Text
                    MM6.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H6.Text
                    H6.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI6.Text
                    NGI6.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL6.Text
                    LL6.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI6.Text
                    PI6.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT6.Text
                    PT6.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M6.Text
                    M6.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O6.Text
                    O6.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P6.Text
                    P6.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD6.Text
                    MD6.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO6.Text
                    MO6.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U6.Text
                    U6.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO6.Text
                    UO6.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI6.Text
                    MPI6.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y6.Text
                    Y6.Value = ""
                    Sheet2.Range("z" & (row)).Value =
Sheet2.Range("aa24") + 1
                    c1.Value = ""
                    Sheet2.Range("aa" & (row)).Value = "Flyash"

            End If
End Sub
Private Sub INSERTFLYASH7()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
```

```
If H7.Value <> "" And MM7.Value <> "" And NGI7.Value <> "" And P7.Value <> "" And MD7.Value <> "" And MO7.Value
<> "" And U7.Value <> "" And UO7.Value <> "" And MPI7.Value <> "" And Y7.Value <> "" Then
                                lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                        Sheet2.Range("t29").Value = lastrow + 1
                        row = Sheet2.Range("t29")
                        'Sends data to flyash sheet
                        Sheet2.Range("s" & (row)).Value = data.MM7.Text
                        MM7.Value = ""
                        Sheet2.Range("r" & (row)).Value = data.H7.Text
                        H7.Value = ""
                        Sheet2.Range("t" & (row)).Value = data.NGI7.Text
                        NGI7.Value = ""
                        Sheet2.Range("u" & (row)).Value = data.LL7.Text
                        LL7.Value = ""
                        Sheet2.Range("v" & (row)).Value = data.PI7.Text
                        PI7.Value = ""
                        Sheet2.Range("w" & (row)).Value = data.PT7.Text
                        PT7.Value = ""
                        Sheet2.Range("x" & (row)).Value = data.M7.Text
                        M7.Value = ""
                        Sheet2.Range("y" & (row)).Value = data.O7.Text
                        O7.Value = ""
                        Sheet2.Range("ab" & (row)).Value = data.P7.Text
                        P7.Value = ""
                        Sheet2.Range("ac" & (row)).Value = data.MD7.Text
                        MD7.Value = ""
                        Sheet2.Range("ad" & (row)).Value = data.MO7.Text
                        MO7.Value = ""
                        Sheet2.Range("ae" & (row)).Value = data.U7.Text
                        U7.Value = ""
                        Sheet2.Range("af" & (row)).Value = data.UO7.Text
                        UO7.Value = ""
                        Sheet2.Range("ag" & (row)).Value = data.MPI7.Text
                        MPI7.Value = ""
                        Sheet2.Range("ah" & (row)).Value = data.Y7.Text
                        Y7.Value = ""
                        Sheet2.Range("z" & (row)).Value =
Sheet2.Range("aa24") + 1
                        c1.Value = ""
                        Sheet2.Range("aa" & (row)).Value = "Flyash"

        End If
End Sub
Private Sub INSERTFLYASH8()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
If H8.Value <> "" And MM8.Value <> "" And NGI8.Value <> "" And P8.Value <> "" And MD8.Value <> "" And MO8.Value
<> "" And U8.Value <> "" And UO8.Value <> "" And MPI8.Value <> "" And Y8.Value <> "" Then
                                lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                        Sheet2.Range("t29").Value = lastrow + 1
                        row = Sheet2.Range("t29")
                        'Sends data to flyash sheet
                        Sheet2.Range("s" & (row)).Value = data.MM8.Text
                        MM8.Value = ""
                        Sheet2.Range("r" & (row)).Value = data.H8.Text
                        H8.Value = ""
                        Sheet2.Range("t" & (row)).Value = data.NGI8.Text
                        NGI8.Value = ""
                        Sheet2.Range("u" & (row)).Value = data.LL8.Text
                        LL8.Value = ""
                        Sheet2.Range("v" & (row)).Value = data.PI8.Text
                        PI8.Value = ""
                        Sheet2.Range("w" & (row)).Value = data.PT8.Text
                        PT8.Value = ""
                        Sheet2.Range("x" & (row)).Value = data.M8.Text
                        M8.Value = ""
                        Sheet2.Range("y" & (row)).Value = data.O8.Text
                        O8.Value = ""
                        Sheet2.Range("ab" & (row)).Value = data.P8.Text
                        P8.Value = ""
                        Sheet2.Range("ac" & (row)).Value = data.MD8.Text
                        MD8.Value = ""
                        Sheet2.Range("ad" & (row)).Value = data.MO8.Text
                        MO8.Value = ""
                        Sheet2.Range("ae" & (row)).Value = data.U8.Text
                        U8.Value = ""
                        Sheet2.Range("af" & (row)).Value = data.UO8.Text
                        UO8.Value = ""
                        Sheet2.Range("ag" & (row)).Value = data.MPI8.Text
                        MPI8.Value = ""
                        Sheet2.Range("ah" & (row)).Value = data.Y8.Text
                        Y8.Value = ""
```

```
                    Sheet2.Range("z" & (row)).Value =
Sheet2.Range("aa24") + 1
                    c1.Value = ""
                    Sheet2.Range("aa" & (row)).Value = "Flyash"

        End If
End Sub
Private Sub INSERTFLYASH9()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
If H9.Value <> "" And MM9.Value <> "" And NGI9.Value <> "" And P9.Value <> "" And MD9.Value <> "" And MO9.Value
<> "" And U9.Value <> "" And UO9.Value <> "" And MPI9.Value <> "" And Y9.Value <> "" Then
                              lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                    Sheet2.Range("t29").Value = lastrow + 1
                    row = Sheet2.Range("t29")
                    'Sends data to flyash sheet
                    Sheet2.Range("s" & (row)).Value = data.MM9.Text
                    MM9.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H9.Text
                    H9.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI9.Text
                    NGI9.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL9.Text
                    LL9.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI9.Text
                    PI9.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT9.Text
                    PT9.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M9.Text
                    M9.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O9.Text
                    O9.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P9.Text
                    P9.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD9.Text
                    MD9.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO9.Text
                    MO9.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U9.Text
                    U9.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO9.Text
                    UO9.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI9.Text
                    MPI9.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y9.Text
                    Y9.Value = ""
                    Sheet2.Range("z" & (row)).Value =
Sheet2.Range("aa24") + 1
                    c1.Value = ""
                    Sheet2.Range("aa" & (row)).Value = "Flyash"

        End If
End Sub
Private Sub INSERTFLYASH10()      'CODE FOR SETUP OF EDIT MODE FORM FLYASH
If H10.Value <> "" And MM10.Value <> "" And NGI10.Value <> "" And P10.Value <> "" And MD10.Value <> "" And
MO10.Value <> "" And U10.Value <> "" And UO10.Value <> "" And MPI10.Value <> "" And Y10.Value <> "" Then
                              lastrow = Sheet2.Range("r" & Rows.Count).End(xlUp).row
                    Sheet2.Range("t29").Value = lastrow + 1
                    row = Sheet2.Range("t29")
                    'Sends data to flyash sheet in EDIT MODE
                    Sheet2.Range("s" & (row)).Value = data.MM10.Text
                    MM10.Value = ""
                    Sheet2.Range("r" & (row)).Value = data.H10.Text
                    H10.Value = ""
                    Sheet2.Range("t" & (row)).Value = data.NGI10.Text
                    NGI10.Value = ""
                    Sheet2.Range("u" & (row)).Value = data.LL10.Text
                    LL10.Value = ""
                    Sheet2.Range("v" & (row)).Value = data.PI10.Text
                    PI10.Value = ""
                    Sheet2.Range("w" & (row)).Value = data.PT10.Text
                    PT10.Value = ""
                    Sheet2.Range("x" & (row)).Value = data.M10.Text
                    M10.Value = ""
                    Sheet2.Range("y" & (row)).Value = data.O10.Text
                    O10.Value = ""
                    Sheet2.Range("ab" & (row)).Value = data.P10.Text
                    P10.Value = ""
                    Sheet2.Range("ac" & (row)).Value = data.MD10.Text
                    MD10.Value = ""
                    Sheet2.Range("ad" & (row)).Value = data.MO10.Text
                    MO10.Value = ""
                    Sheet2.Range("ae" & (row)).Value = data.U10.Text
```

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                    U10.Value = ""
                    Sheet2.Range("af" & (row)).Value = data.UO10.Text
                    UO10.Value = ""
                    Sheet2.Range("ag" & (row)).Value = data.MPI10.Text
                    MPI10.Value = ""
                    Sheet2.Range("ah" & (row)).Value = data.Y10.Text
                    Y10.Value = ""
                    Sheet2.Range("z" & (row)).Value =
Sheet2.Range("aa24") + 1
                    c1.Value = ""
                    Sheet2.Range("aa" & (row)).Value = "Flyash"

        End If
End Sub
Private Sub INSERTCKD1()          'CODE FOR SETUP OF EDIT MODE FORM CKD
                If H1.Value <> "" And MM1.Value <> "" And NGI1.Value <> "" And P1.Value <> "" And MD1.Value <>
"" And MO1.Value <> "" And U1.Value <> "" And UO1.Value <> "" And MPI1.Value <> "" And Y1.Value <> "" Then
                              lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM1.Text
                    MM1.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H1.Text
                    H1.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI1.Text
                    NGI1.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL1.Text
                    LL1.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI1.Text
                    PI1.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT1.Text
                    PT1.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M1.Text
                    M1.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O1.Text
                    O1.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P1.Text
                    P1.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD1.Text
                    MD1.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO1.Text
                    MO1.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U1.Text
                    U1.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO1.Text
                    UO1.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI1.Text
                    MPI1.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y1.Text
                    Y1.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24")
                    c1.Value = ""
                    Sheet6.Range("aa" & (row)).Value = "CKD"

            End If
End Sub
Private Sub INSERTCKD2()          'CODE FOR SETUP OF EDIT MODE FORM CKD
            If H2.Value <> "" And MM2.Value <> "" And NGI2.Value <> "" And P2.Value <> "" And MD2.Value <> ""
And MO2.Value <> "" And U2.Value <> "" And UO2.Value <> "" And MPI2.Value <> "" And Y2.Value <> "" Then
                              lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM2.Text
                    MM2.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H2.Text
                    H2.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI2.Text
                    NGI2.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL2.Text
                    LL2.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI2.Text
                    PI2.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT2.Text
                    PT2.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M2.Text
                    M2.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O2.Text
                    O2.Value = ""
```

```
                    Sheet6.Range("ab" & (row)).Value = data.P2.Text
                    P2.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD2.Text
                    MD2.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO2.Text
                    MO2.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U2.Text
                    U2.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO2.Text
                    UO2.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI2.Text
                    MPI2.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y2.Text
                    Y2.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    c1.Value = ""
                    Sheet6.Range("aa" & (row)).Value = "CKD"

                End If
End Sub
Private Sub INSERTCKD3()          'CODE FOR SETUP OF EDIT MODE FORM CKD
                If H3.Value <> "" And MM3.Value <> "" And NGI3.Value <> "" And P3.Value <> "" And MD3.Value <>
"" And MO3.Value <> "" And U3.Value <> "" And UO3.Value <> "" And MPI3.Value <> "" And Y3.Value <> "" Then
                            lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM3.Text
                    MM3.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H3.Text
                    H3.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI3.Text
                    NGI3.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL3.Text
                    LL3.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI3.Text
                    PI3.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT3.Text
                    PT3.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M3.Text
                    M3.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O3.Text
                    O3.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P3.Text
                    P3.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD3.Text
                    MD3.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO3.Text
                    MO3.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U3.Text
                    U3.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO3.Text
                    UO3.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI3.Text
                    MPI3.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y3.Text
                    Y3.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    Sheet6.Range("aa" & (row)).Value = "CKD"

                End If
End Sub
Private Sub INSERTCKD4()          'CODE FOR SETUP OF EDIT MODE FORM CKD
                If H4.Value <> "" And MM4.Value <> "" And NGI4.Value <> "" And P4.Value <> "" And MD4.Value <>
"" And MO4.Value <> "" And U4.Value <> "" And UO4.Value <> "" And MPI4.Value <> "" And Y4.Value <> "" Then
                            lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM4.Text
                    MM4.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H4.Text
                    H4.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI4.Text
                    NGI4.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL4.Text
                    LL4.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI4.Text
                    PI4.Value = ""
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```
                    Sheet6.Range("w" & (row)).Value = data.PT4.Text
                    PT4.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M4.Text
                    M4.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O4.Text
                    O4.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P4.Text
                    P4.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD4.Text
                    MD4.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO4.Text
                    MO4.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U4.Text
                    U4.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO4.Text
                    UO4.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI4.Text
                    MPI4.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y4.Text
                    Y4.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    Sheet6.Range("aa" & (row)).Value = "CKD"

                End If
End Sub
Private Sub INSERTCKD5()          'CODE FOR SETUP OF EDIT MODE FORM CKD
                If H5.Value <> "" And MM5.Value <> "" And NGI5.Value <> "" And P5.Value <> "" And MD5.Value <>
"" And MO5.Value <> "" And U5.Value <> "" And UO5.Value <> "" And MPI5.Value <> "" And Y5.Value <> "" Then
                            lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM5.Text
                    MM5.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H5.Text
                    H5.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI5.Text
                    NGI5.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL5.Text
                    LL5.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI5.Text
                    PI5.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT5.Text
                    PT5.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M5.Text
                    M5.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O5.Text
                    O5.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P5.Text
                    P5.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD5.Text
                    MD5.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO5.Text
                    MO5.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U5.Text
                    U5.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO5.Text
                    UO5.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI5.Text
                    MPI5.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y5.Text
                    Y5.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    Sheet6.Range("aa" & (row)).Value = "CKD"

                End If
End Sub
Private Sub INSERTCKD6()          'CODE FOR SETUP OF EDIT MODE FORM CKD
                If H6.Value <> "" And MM6.Value <> "" And NGI6.Value <> "" And P6.Value <> "" And MD6.Value <>
"" And MO6.Value <> "" And U6.Value <> "" And UO6.Value <> "" And MPI6.Value <> "" And Y6.Value <> "" Then
                            lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM6.Text
                    MM6.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H6.Text
                    H6.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI6.Text
```

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                    NGI6.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL6.Text
                    LL6.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI6.Text
                    PI6.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT6.Text
                    PT6.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M6.Text
                    M6.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O6.Text
                    O6.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P6.Text
                    P6.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD6.Text
                    MD6.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO6.Text
                    MO6.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U6.Text
                    U6.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO6.Text
                    UO6.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI6.Text
                    MPI6.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y6.Text
                    Y6.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    Sheet6.Range("aa" & (row)).Value = "CKD"

                End If
End Sub
Private Sub INSERTCKD7()          'CODE FOR SETUP OF EDIT MODE FORM CKD
                If H7.Value <> "" And MM7.Value <> "" And NGI7.Value <> "" And P7.Value <> "" And MD7.Value <>
"" And MO7.Value <> "" And U7.Value <> "" And UO7.Value <> "" And MPI7.Value <> "" And Y7.Value <> "" Then
                            lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM7.Text
                    MM7.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H7.Text
                    H7.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI7.Text
                    NGI7.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL7.Text
                    LL7.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI7.Text
                    PI7.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT7.Text
                    PT7.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M7.Text
                    M7.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O7.Text
                    O7.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P7.Text
                    P7.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD7.Text
                    MD7.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO7.Text
                    MO7.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U7.Text
                    U7.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO7.Text
                    UO7.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI7.Text
                    MPI7.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y7.Text
                    Y7.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    Sheet6.Range("aa" & (row)).Value = "CKD"

        End If
End Sub
Private Sub INSERTCKD8()          'CODE FOR SETUP OF EDIT MODE FORM CKD
                If H8.Value <> "" And MM8.Value <> "" And NGI8.Value <> "" And P8.Value <> "" And MD8.Value <>
"" And MO8.Value <> "" And U8.Value <> "" And UO8.Value <> "" And MPI8.Value <> "" And Y8.Value <> "" Then
                            lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
```

```
                    Sheet6.Range("s" & (row)).Value = data.MM8.Text
                    MM8.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H8.Text
                    H8.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI8.Text
                    NGI8.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL8.Text
                    LL8.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI8.Text
                    PI8.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT8.Text
                    PT8.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M8.Text
                    M8.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O8.Text
                    O8.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P8.Text
                    P8.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD8.Text
                    MD8.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO8.Text
                    MO8.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U8.Text
                    U8.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO8.Text
                    UO8.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI8.Text
                    MPI8.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y8.Text
                    Y8.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    Sheet6.Range("aa" & (row)).Value = "CKD"

        End If
End Sub
Private Sub INSERTCKD9()          'CODE FOR SETUP OF EDIT MODE FORM CKD
                If H9.Value <> "" And MM9.Value <> "" And NGI9.Value <> "" And P9.Value <> "" And MD9.Value <>
"" And MO9.Value <> "" And U9.Value <> "" And UO9.Value <> "" And MPI9.Value <> "" And Y9.Value <> "" Then
                            lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet
                    Sheet6.Range("s" & (row)).Value = data.MM9.Text
                    MM9.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H9.Text
                    H9.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI9.Text
                    NGI9.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL9.Text
                    LL9.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI9.Text
                    PI9.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT9.Text
                    PT9.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M9.Text
                    M9.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O9.Text
                    O9.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P9.Text
                    P9.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD9.Text
                    MD9.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO9.Text
                    MO9.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U9.Text
                    U9.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO9.Text
                    UO9.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI9.Text
                    MPI9.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y9.Text
                    Y9.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    Sheet6.Range("aa" & (row)).Value = "CKD"

        End If
End Sub
Private Sub INSERTCKD10()         'CODE FOR SETUP OF EDIT MODE FORM CKD
```

```
                If H10.Value <> "" And MM10.Value <> "" And NGI10.Value <> "" And P10.Value <> "" And
MD10.Value <> "" And MO10.Value <> "" And U10.Value <> "" And UO10.Value <> "" And MPI10.Value <> "" And
Y10.Value <> "" Then
                            lastrow = Sheet6.Range("r" & Rows.Count).End(xlUp).row
                    Sheet6.Range("t29").Value = lastrow + 1
                    row = Sheet6.Range("t29")
                    'Sends data to CKD sheet in EDIT MODE
                    Sheet6.Range("s" & (row)).Value = data.MM10.Text
                    MM10.Value = ""
                    Sheet6.Range("r" & (row)).Value = data.H10.Text
                    H10.Value = ""
                    Sheet6.Range("t" & (row)).Value = data.NGI10.Text
                    NGI10.Value = ""
                    Sheet6.Range("u" & (row)).Value = data.LL10.Text
                    LL10.Value = ""
                    Sheet6.Range("v" & (row)).Value = data.PI10.Text
                    PI10.Value = ""
                    Sheet6.Range("w" & (row)).Value = data.PT10.Text
                    PT10.Value = ""
                    Sheet6.Range("x" & (row)).Value = data.M10.Text
                    M10.Value = ""
                    Sheet6.Range("y" & (row)).Value = data.O10.Text
                    O10.Value = ""
                    Sheet6.Range("ab" & (row)).Value = data.P10.Text
                    P10.Value = ""
                    Sheet6.Range("ac" & (row)).Value = data.MD10.Text
                    MD10.Value = ""
                    Sheet6.Range("ad" & (row)).Value = data.MO10.Text
                    MO10.Value = ""
                    Sheet6.Range("ae" & (row)).Value = data.U10.Text
                    U10.Value = ""
                    Sheet6.Range("af" & (row)).Value = data.UO10.Text
                    UO10.Value = ""
                    Sheet6.Range("ag" & (row)).Value = data.MPI10.Text
                    MPI10.Value = ""
                    Sheet6.Range("ah" & (row)).Value = data.Y10.Text
                    Y10.Value = ""
                    Sheet6.Range("z" & (row)).Value =
Sheet6.Range("aa24") + 1
                    Sheet6.Range("aa" & (row)).Value = "CKD"

        End If

End Sub
Private Sub INSERTLIME1()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H1.Value <> "" And MM1.Value <> "" And NGI1.Value <> "" And P1.Value <> "" And MD1.Value <>
"" And MO1.Value <> "" And U1.Value <> "" And MPI1.Value <> "" And Y1.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet

                    Sheet3.Range("s" & (row)).Value = data.MM1.Text
                    MM1.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H1.Text
                    H1.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI1.Text
                    NGI1.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL1.Text
                    LL1.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI1.Text
                    PI1.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT1.Text
                    PT1.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M1.Text
                    M1.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O1.Text
                    O1.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P1.Text
                    P1.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD1.Text
                    MD1.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO1.Text
                    MO1.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U1.Text
                    U1.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO1.Text
                    UO1.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI1.Text
                    MPI1.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y1.Text
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                    Y1.Value = ""
                    Sheet3.Range("z" & (row)).Value =
Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

            End If
End Sub
Private Sub INSERTLIME2()        'CODE FOR SETUP OF EDIT MODE FORM LIME
            If H2.Value <> "" And MM2.Value <> "" And NGI2.Value <> "" And P2.Value <> "" And MD2.Value <> ""
And MO2.Value <> "" And U2.Value <> "" And MPI2.Value <> "" And Y2.Value <> "" Then
                    lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM2.Text
                    MM2.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H2.Text
                    H2.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI2.Text
                    NGI2.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL2.Text
                    LL2.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI2.Text
                    PI2.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT2.Text
                    PT2.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M2.Text
                    M2.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O2.Text
                    O2.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P2.Text
                    P2.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD2.Text
                    MD2.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO2.Text
                    MO2.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U2.Text
                    U2.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO2.Text
                    UO2.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI2.Text
                    MPI2.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y2.Text
                    Y2.Value = ""
                    Sheet3.Range("z" & (row)).Value = Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTLIME3()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H3.Value <> "" And MM3.Value <> "" And NGI3.Value <> "" And P3.Value <> "" And MD3.Value <>
"" And MO3.Value <> "" And U3.Value <> "" And MPI3.Value <> "" And Y3.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM3.Text
                    MM3.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H3.Text
                    H3.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI3.Text
                    NGI3.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL3.Text
                    LL3.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI3.Text
                    PI3.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT3.Text
                    PT3.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M3.Text
                    M3.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O3.Text
                    O3.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P3.Text
                    P3.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD3.Text
                    MD3.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO3.Text
                    MO3.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U3.Text
                    U3.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO3.Text
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                    UO3.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI3.Text
                    MPI3.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y3.Text
                    Y3.Value = ""
                    Sheet3.Range("z" & (row)).Value =
Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTLIME4()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H4.Value <> "" And MM4.Value <> "" And NGI4.Value <> "" And P4.Value <> "" And MD4.Value <>
"" And MO4.Value <> "" And U4.Value <> "" And MPI4.Value <> "" And Y4.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM4.Text
                    MM4.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H4.Text
                    H4.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI4.Text
                    NGI4.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL4.Text
                    LL4.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI4.Text
                    PI4.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT4.Text
                    PT4.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M4.Text
                    M4.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O4.Text
                    O4.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P4.Text
                    P4.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD4.Text
                    MD4.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO4.Text
                    MO4.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U4.Text
                    U4.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO4.Text
                    UO4.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI4.Text
                    MPI4.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y4.Text
                    Y4.Value = ""
                    Sheet3.Range("z" & (row)).Value = Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTLIME5()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H5.Value <> "" And MM5.Value <> "" And NGI5.Value <> "" And P5.Value <> "" And MD5.Value <>
"" And MO5.Value <> "" And U5.Value <> "" And MPI5.Value <> "" And Y5.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM5.Text
                    MM5.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H5.Text
                    H5.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI5.Text
                    NGI5.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL5.Text
                    LL5.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI5.Text
                    PI5.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT5.Text
                    PT5.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M5.Text
                    M5.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O5.Text
                    O5.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P5.Text
                    P5.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD5.Text
                    MD5.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO5.Text
```

```
                    MO5.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U5.Text
                    U5.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO5.Text
                    UO5.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI5.Text
                    MPI5.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y5.Text
                    Y5.Value = ""
                    Sheet3.Range("z" & (row)).Value = Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTLIME6()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H6.Value <> "" And MM6.Value <> "" And NGI6.Value <> "" And P6.Value <> "" And MD6.Value <>
"" And MO6.Value <> "" And U6.Value <> "" And MPI6.Value <> "" And Y6.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM6.Text
                    MM6.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H6.Text
                    H6.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI6.Text
                    NGI6.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL6.Text
                    LL6.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI6.Text
                    PI6.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT6.Text
                    PT6.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M6.Text
                    M6.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O6.Text
                    O6.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P6.Text
                    P6.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD6.Text
                    MD6.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO6.Text
                    MO6.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U6.Text
                    U6.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO6.Text
                    UO6.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI6.Text
                    MPI6.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y6.Text
                    Y6.Value = ""
                    Sheet3.Range("z" & (row)).Value =
Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTLIME7()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H7.Value <> "" And MM7.Value <> "" And NGI7.Value <> "" And P7.Value <> "" And MD7.Value <>
"" And MO7.Value <> "" And U7.Value <> "" And MPI7.Value <> "" And Y7.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                     'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM7.Text
                    MM7.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H7.Text
                    H7.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI7.Text
                    NGI7.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL7.Text
                    LL7.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI7.Text
                    PI7.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT7.Text
                    PT7.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M7.Text
                    M7.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O7.Text
                    O7.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P7.Text
```

```
                    P7.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD7.Text
                    MD7.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO7.Text
                    MO7.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U7.Text
                    U7.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO7.Text
                    UO7.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI7.Text
                    MPI7.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y7.Text
                    Y7.Value = ""
                    Sheet3.Range("z" & (row)).Value =
Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTLIME8()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H8.Value <> "" And MM8.Value <> "" And NGI8.Value <> "" And P8.Value <> "" And MD8.Value <>
"" And MO8.Value <> "" And U8.Value <> "" And MPI8.Value <> "" And Y8.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM8.Text
                    MM8.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H8.Text
                    H8.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI8.Text
                    NGI8.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL8.Text
                    LL8.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI8.Text
                    PI8.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT8.Text
                    PT8.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M8.Text
                    M8.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O8.Text
                    O8.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P8.Text
                    P8.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD8.Text
                    MD8.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO8.Text
                    MO8.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U8.Text
                    U8.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO8.Text
                    UO8.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI8.Text
                    MPI8.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y8.Text
                    Y8.Value = ""
                    Sheet3.Range("z" & (row)).Value =
Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTLIME9()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H9.Value <> "" And MM9.Value <> "" And NGI9.Value <> "" And P9.Value <> "" And MD9.Value <>
"" And MO9.Value <> "" And U9.Value <> "" And MPI9.Value <> "" And Y9.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM9.Text
                    MM9.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H9.Text
                    H9.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI9.Text
                    NGI9.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL9.Text
                    LL9.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI9.Text
                    PI9.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT9.Text
                    PT9.Value = ""
```

```
                    Sheet3.Range("x" & (row)).Value = data.M9.Text
                    M9.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O9.Text
                    O9.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P9.Text
                    P9.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD9.Text
                    MD9.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO9.Text
                    MO9.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U9.Text
                    U9.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO9.Text
                    UO9.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI9.Text
                    MPI9.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y9.Text
                    Y9.Value = ""
                    Sheet3.Range("z" & (row)).Value =
Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTLIME10()        'CODE FOR SETUP OF EDIT MODE FORM LIME
                If H10.Value <> "" And MM10.Value <> "" And NGI10.Value <> "" And P10.Value <> "" And
MD10.Value <> "" And MO10.Value <> "" And U10.Value <> "" And MPI10.Value <> "" And Y10.Value <> "" Then
                            lastrow = Sheet3.Range("r" & Rows.Count).End(xlUp).row
                    Sheet3.Range("t29").Value = lastrow + 1
                    row = Sheet3.Range("t29")
                    'Sends data to LIME sheet
                    Sheet3.Range("s" & (row)).Value = data.MM10.Text
                    MM10.Value = ""
                    Sheet3.Range("r" & (row)).Value = data.H10.Text
                    H10.Value = ""
                    Sheet3.Range("t" & (row)).Value = data.NGI10.Text
                    NGI10.Value = ""
                    Sheet3.Range("u" & (row)).Value = data.LL10.Text
                    LL10.Value = ""
                    Sheet3.Range("v" & (row)).Value = data.PI10.Text
                    PI10.Value = ""
                    Sheet3.Range("w" & (row)).Value = data.PT10.Text
                    PT10.Value = ""
                    Sheet3.Range("x" & (row)).Value = data.M10.Text
                    M10.Value = ""
                    Sheet3.Range("y" & (row)).Value = data.O10.Text
                    O10.Value = ""
                    Sheet3.Range("ab" & (row)).Value = data.P10.Text
                    P10.Value = ""
                    Sheet3.Range("ac" & (row)).Value = data.MD10.Text
                    MD10.Value = ""
                    Sheet3.Range("ad" & (row)).Value = data.MO10.Text
                    MO10.Value = ""
                    Sheet3.Range("ae" & (row)).Value = data.U10.Text
                    U10.Value = ""
                    Sheet3.Range("af" & (row)).Value = data.UO10.Text
                    UO10.Value = ""
                    Sheet3.Range("ag" & (row)).Value = data.MPI10.Text
                    MPI10.Value = ""
                    Sheet3.Range("ah" & (row)).Value = data.Y10.Text
                    Y10.Value = ""
                    Sheet3.Range("z" & (row)).Value =
Sheet3.Range("aa24") + 1
                    Sheet3.Range("aa" & (row)).Value = "Lime"

                End If
End Sub
Private Sub INSERTMODE_Click()        'CODE FOR INSERTING ADDITIVE TYPE DATA THEN SORTING BY NGI's

    If INSERTMODE.Caption = "INSERT MODE" Then  'View mode
        Label36.Visible = False
        data.CLEARFORM
        FORMATINSERTMODE
        MMENU.Visible = False
        Label32.Visible = False
        SortSample.Visible = False
        sorthighway.Visible = False
        sortngi.Visible = False
        Label35.Visible = False
        editmode.Visible = False
        c1.Visible = False
```

```
        c2.Visible = False
        c3.Visible = False
        c4.Visible = False
        c5.Visible = False
        c6.Visible = False
        c7.Visible = False
        c8.Visible = False
        c9.Visible = False
        c10.Visible = False
            prompt = "Each record must have Highway, Mile Marker, NGI, and Modified Soil Properties to be
inserted into database. ***IMPORTANT***: If data does not disappear after clicking insert button then Highway,
Mile Marker, NGI, and Modified Soil Properties data MUST be entered."
        status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Message")


        Else                        'Insert mode
        If ADDINSERT.Value <> "FLYASH" And ADDINSERT.Value <> "CKD" And ADDINSERT.Value <> "LIME" Then
         prompt = "Missing Additive Type"
         status = MsgBox(prompt, vbOKOnly + vbApplicationModal, "Error")

            Else
                If ADDINSERT.Text = "FLYASH" Then
                            INSERTFLYASH1
                            INSERTFLYASH2
                            INSERTFLYASH3
                            INSERTFLYASH4
                            INSERTFLYASH5
                            INSERTFLYASH6
                            INSERTFLYASH7
                            INSERTFLYASH8
                            INSERTFLYASH9
                            INSERTFLYASH10

    'sorting FLYASH by ngi
    Sheets("FLYASH").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("FLYASH").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("FLYASH").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("FLYASH").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With


  Else
            If ADDINSERT.Value = "CKD" Then
                            INSERTCKD1
                            INSERTCKD2
                            INSERTCKD3
                            INSERTCKD4
                            INSERTCKD5
                            INSERTCKD6
                            INSERTCKD7
                            INSERTCKD8
                            INSERTCKD9
                            INSERTCKD10

     'Sorting by ngi
    Sheets("CKD").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("CKD").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With

 Else
            If ADDINSERT.Value = "LIME" Then
```

```
            Label21.Visible = False
              UO1.Visible = False

                        INSERTLIME1
                        INSERTLIME2
                        INSERTLIME3
                        INSERTLIME4
                        INSERTLIME5
                        INSERTLIME6
                        INSERTLIME7
                        INSERTLIME8
                        INSERTLIME9
                        INSERTLIME10

'Sorting by ngi
    Sheets("LIME").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("LIME").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
    End If
End If
End If
End If
End If
End Sub
Private Sub MMENU_Click()
    Sheets("FLYASH").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("FLYASH").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("FLYASH").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("FLYASH").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With

    Sheets("CKD").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("CKD").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With

    Sheets("LIME").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("LIME").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
 data.CLEARFORM
```

```
 data.Hide
 MainMenu.Show

End Sub
Private Sub move10_Change()  'CODE FOR MOVING 10 DATA ROWS AT A TIME
     If add.Value = "FLYASH" Then 'Works on the flyash data sheet2
     data.move10.Max = Sheet2.Range("y29").Value + data.move10.Min - 10
        row = data.move10.Value
        SHOWFLYASH
    Else
      If add.Value = "CKD" Then 'Works on the CKD data sheet6
      data.move10.Max = Sheet6.Range("y29").Value + data.move10.Min - 10
        row = data.move10.Value
        SHOWCKD
        Else
            If add.Value = "LIME" Then  'Works on the lime data sheet3
      data.move10.Max = Sheet3.Range("y29").Value + data.move10.Min - 10
                row = data.move10.Value
                SHOWLIME
            End If
        End If
    End If
 data.MOVE2.Value = data.move10.Value
End Sub
Private Sub MOVE2_Change()       'CODE FOR MOVING 1 DATA ROWS AT A TIME

     If data.add.Value = "FLYASH" Then 'works on the flyash data sheet2
        data.MOVE2.Max = Sheet2.Range("y29").Value + data.MOVE2.Min - 10
        row = data.MOVE2.Value
        SHOWFLYASH
    Else
        If data.add.Value = "CKD" Then 'works on the CKD data sheet6
        data.MOVE2.Max = Sheet6.Range("y29").Value + data.MOVE2.Min - 10
        row = data.MOVE2.Value
        SHOWCKD
        Else
            If add.Value = "LIME" Then  'works on the lime data sheet3
                data.MOVE2.Max = Sheet3.Range("y29").Value + data.MOVE2.Min - 10
                row = data.MOVE2.Value
                SHOWLIME
            End If
        End If
    End If
   data.move10.Value = data.MOVE2.Value
End Sub
Private Sub sortngi_Click()      'CODE FOR SORT BUTTON FOR NGI
  data.MOVE2.Value = 31
  row = 31
    If add.Value = "FLYASH" Then 'Works on the flyash data sheet2
        SHOWFLYASH
        'Sorting by NGI
Sheets("Flyash").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("Flyash").sort
        .SetRange Range("r31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
  Else
        If add.Value = "CKD" Then 'Works on the CKD data sheet6
            SHOWCKD
        'Sorting by NGI
    Sheets("CKD").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("CKD").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
```

```
        Sheets("Sheet1").Select
    End With
   Else
        If add.Value = "LIME" Then 'Works on the lime data sheet3
            SHOWLIME
            'Sorting by NGI
    Sheets("LIME").Select
    Range("T31").Select
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("LIME").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With

            End If
        End If
    End If
End Sub_____________________________________________________Private Sub sortsample_Click()
'CODE FOR SORT BUTTON FOR SAMPLE NUMBERS

  data.MOVE2.Value = 31
  row = 31
    If add.Value = "FLYASH" Then 'Works on the flyash data sheet2
        SHOWFLYASH
        'Sorting by sample
Sheets("Flyash").Select
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("Z31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("Flyash").sort
        .SetRange Range("r31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
Else
        If add.Value = "CKD" Then 'Works on the CKD data sheet6
            SHOWCKD
Sheets("CKD").Select
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("Z31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("CKD").sort
        .SetRange Range("r31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
    Else
            If add.Value = "LIME" Then 'Works on the lime data sheet3
                SHOWLIME
Sheets("LIME").Select
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("Z31"), _
        SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("LIME").sort
        .SetRange Range("r31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With

            End If
        End If
    End If
```

```
End Sub                                                                    Private Sub sorthighway_Click()
'CODE FOR SORT BUTTON FOR HIGHWAY, MILE MARKER, THEN NGI
  data.MOVE2.Value = 31
  row = 31
    If add.Value = "FLYASH" Then 'Works on the flyash data sheet2
        SHOWFLYASH
   'Sorts by Highway, Milemarker, then NGI
Sheets("Flyash").Select
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("R31:R1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("S31:S1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    ActiveWorkbook.Worksheets("Flyash").sort.SortFields.add Key:=Range("T31:T1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("Flyash").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
Else
        If add.Value = "CKD" Then 'Works on the CKD data sheet6
            SHOWCKD
   'Sorts by Highway, Milemarker, then NGI
Sheets("CKD").Select
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("R31:R1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("S31:S1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    ActiveWorkbook.Worksheets("CKD").sort.SortFields.add Key:=Range("T31:T1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("CKD").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
Else
            If add.Value = "LIME" Then 'Works on the lime data sheet3
                SHOWLIME
   'Sorts by Highway, Milemarker, then NGI
Sheets("LIME").Select
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.Clear
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("R31:R1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("S31:S1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    ActiveWorkbook.Worksheets("LIME").sort.SortFields.add Key:=Range("T31:T1048000" _
        ), SortOn:=xlSortOnValues, Order:=xlAscending, DataOption:=xlSortNormal
    With ActiveWorkbook.Worksheets("LIME").sort
        .SetRange Range("R31:AH1048000")
        .Header = xlNo
        .MatchCase = False
        .Orientation = xlTopToBottom
        .SortMethod = xlPinYin
        .Apply
        Sheets("Sheet1").Select
    End With
            End If
        End If
    End If
End Sub
```