Sub Declared\_Volumes()

'

' Declared\_Volumes Macro

'

' Create variables LR and LC and format as Long no. data types

Dim LR As Long

Dim LC As Long

' Make LR no. of rows and LC no. of columns

LR = Cells(Rows.Count, 1).End(xlUp).Row

LC = Cells(1, Columns.Count).End(xlToLeft).Column

Dim Rng As Range

Set Rng = Cells(1, 1).Resize(LR, LC)

Dim ws As Worksheet

Set ws = ActiveSheet

'ActiveSheet.Copy

'With ActiveWorkbook

' .SaveAs Filename:=Environ("TEMP") & "\New1.xlsx", FileFormat:=xlOpenXMLWorkbook

' .Close SaveChanges:=False

'End With

' Copy Data to another editable sheet

'ActiveWorkbook.Sheets.Add.Name = "EditableSheet"

'Dim ws, ws1 As Worksheet

'Set ws = ActiveSheet

'Set ws1 = Sheets("EditableSheet")

'ws.Copy After:=Worksheets("EditableSheet")

'Application.CutCopyMode = False

'ws1.Activate

'Copy data over to new sheet

'ws.Copy After:=Sheets("EditableSheet")

'Copy the data

'ws.Copy

'Dim es As Worksheet

'Set es = Sheets("EditableSheet")

'Debug.Print es.Index + 1

Dim tbl As ListObject

Dim lo As ListObject

Dim TableName As String

TableName = "EmpTable"

Exists = "False"

For Each lo In ActiveSheet.ListObjects

If lo.Name = TableName Then

Exists = "True"

Debug.Print ("Found")

Exit For

End If

Next

If Exists = "False" Then

ws.ListObjects.Add xlSrcRange, xllistobjecthasheaders:=xlYes, Destination:=Rng

ws.ListObjects(1).Name = "EmpTable"

End If

' create worksheet with headers and new range

' load in listobject as variable

'

Set tbl = ActiveSheet.ListObjects(1)

'Get full filename path

strFileFullName = ActiveWorkbook.FullName

'Get File Name no Extension

FileNameWOExt = Left(strFileFullName, InStr(strFileFullName, ".") - 1)

Debug.Print FileNameWOExt, strFileFullName

'Depending on filename format district name in spreadsheet

If InStr(strFileFullName, "DVOMW") > 0 Then

Debug.Print "DVOMW Found"

tbl.ListColumns("District").DataBodyRange.Value = "DVMW"

ElseIf InStr(strFileFullName, "Wirral") > 0 Then

Debug.Print "Wirral Found"

tbl.ListColumns("District").DataBodyRange.Value = "Wirral"

ElseIf InStr(strFileFullName, "Merseyside") > 0 Then

Debug.Print "Merseyside Found"

tbl.ListColumns("District").DataBodyRange.Value = "Merseyside"

ElseIf InStr(strFileFullName, "Mid Cheshire") > 0 Then

Debug.Print "Mid Cheshire Found"

tbl.ListColumns("District").DataBodyRange.Value = "Mid Cheshire"

ElseIf InStr(strFileFullName, "NW") > 0 Then

Debug.Print "NW Found"

tbl.ListColumns("District").DataBodyRange.Value = "North Wales"

End If

'Format data aesthetics

With tbl.DataBodyRange

.Interior.ColorIndex = 2 'white background

.Font.Color = vbBlack 'Black text

End With

With tbl.ListColumns(13).DataBodyRange

.Interior.ColorIndex = 2 'white background

.Font.Color = vbBlack 'Black text

End With

With tbl.ListColumns(14).DataBodyRange

.Interior.ColorIndex = 2 'white background

.Font.Color = vbBlack 'Black text

End With

With tbl.ListColumns(15).DataBodyRange

.Interior.ColorIndex = 2 'white background

.Font.Color = vbBlack 'Black text

End With

'Format Commission date

Dim CDI As Long

'Delete ESCQR column if exists

Dim hdr As ListColumn

Dim ColumnName As String

Dim ColumnExists As Boolean

Dim i As Long

ColumnName = "ESQCR"

ColumnExists = False

'Check if the Sheet exists

For Each hdr In tbl.ListColumns

If hdr.Name = ColumnName Then

ColumnExists = True

j = hdr.Index

For i = 4 To LR 'co-ordinate of last data (could use rows.count)

If InStr(Cells(i, j), "Y") > 0 Then ' if addition in cell

Rows(i).EntireRow.Delete

End If

Next i

Debug.Print ("Found")

Columns(j).EntireColumn.Delete

Exit For

End If

Next

'formst Date

'CDI = tbl.ListColumns("Commission Date").Index

CDI = 14

For i = 4 To LR 'co-ordinate of last data (could use rows.count)

If InStr(Cells(i, CDI), "-") > 0 Then ' if - in cell

Cells(i, CDI).Value = Left(Cells(i, CDI), InStr(Cells(i, CDI), "-") - 1)

End If

Next i

'Make sure formulas apply to month and week

'Works on R ow and C olumn references, [] relative, absolute without

'tbl.ListColumns("Month").DataBodyRange.Cells(1).FormulaR1C1 = "=TEXT(RC14,""mmm"")"

tbl.ListColumns(2).DataBodyRange.Cells(1).FormulaR1C1 = "=TEXT(RC14,""mmm"")"

Range("B4").AutoFill Destination:=Range("B4:B" & LR)

'DataBodyRange(1).AutoFill Destination:=DataBodyRange()

'tbl.ListColumns("Week").DataBodyRange.Cells(1).FormulaR1C1 = "=WEEKNUM(RC14)"

tbl.ListColumns(3).DataBodyRange.Cells(1).FormulaR1C1 = "=WEEKNUM(RC14)"

Range("C4").AutoFill Destination:=Range("C4:C" & LR)

'tbl.ListColumns("Metric").DataBodyRange.Cells(1).FormulaR1C1 = "=IFERROR(VLOOKUP(RC[-3],Mapping!R3C1:R51C3,2,FALSE),"""")"

tbl.ListColumns(9).DataBodyRange.Cells(1).FormulaR1C1 = "=IFERROR(VLOOKUP(RC[-3],Mapping!R3C1:R51C3,2,FALSE),"""")"

Range("I4").AutoFill Destination:=Range("I4:I" & LR)

'tbl.ListColumns("Outputs Category").DataBodyRange.Cells(1).FormulaR1C1 = "=IFERROR(VLOOKUP(RC[-4],Mapping!R3C1:R51C3,3,FALSE),"""")"

tbl.ListColumns(10).DataBodyRange.Cells(1).FormulaR1C1 = "=IFERROR(VLOOKUP(RC[-4],Mapping!R3C1:R51C3,3,FALSE),"""")"

Range("J4").AutoFill Destination:=Range("J4:J" & LR)

'tbl.ListColumns("IT / Manual").DataBodyRange.Cells(1).FormulaR1C1 = "=IFERROR(VLOOKUP(RC[-5],Mapping!R3C1:R51C4,4,FALSE),"""")"

tbl.ListColumns(11).DataBodyRange.Cells(1).FormulaR1C1 = "=IFERROR(VLOOKUP(RC[-5],Mapping!R3C1:R51C4,4,FALSE),"""")"

Range("K4").AutoFill Destination:=Range("K4:K" & LR)

'Dim q As Long

'q = tbl.ListColumns("Month").DataBodyRange.Cells(1).Row

'Dim w As Long

'w = tbl.ListColumns("Month").DataBodyRange.Cells(1).Column

'Debug.Print w

'Debug.Print q

'Debug.Print CDI

'Cells(q, w).FormulaR1C1 = "=TEXT(RC14,""mmm"")"

'Cells(q, w).FormulaR1C1 = "=TEXT(R[0]C" & CDI & ")"

'Format Addition/Disposal

Dim AD As Long

'AD = tbl.ListColumns("Addition/Disposal").Index

AD = 7

'For i = 4 To LR 'co-ordinate of last data (could use rows.count)

' If InStr(Cells(i, AD), "Addition") > 0 Then ' if addition in cell

' Cells(i, AD).Value = "Addition"

' ElseIf InStr(Cells(i, AD), "Disposal") > 0 Then ' if disposal in cell

' Cells(i, AD).Value = "Disposal"

' End If

'Next i

'Delete ESCQR Asset types for DVMW

Dim AT As Long

'AT = tbl.ListColumns("Asset Type").Index

AT = 6

For i = 4 To LR 'co-ordinate of last data (could use rows.count)

If InStr(Cells(i, AT), "ESQCR") > 0 Then ' if addition in cell

Rows(i).EntireRow.Delete

End If

Next i

'If Addition/Disposal blank but asset type Circuit Refurbishment

For i = 4 To LR 'co-ordinate of last data (could use rows.count)

If IsEmpty(Cells(i, AD)) Then

If InStr(Cells(i, AT), "Circuit Refurbishment") > 0 Then ' if addition in cell

Cells(i, AD).Value = "Disposal"

End If

End If

Next i

' If project number invalid delete row, also deletes blank rows

Dim PN As Long

'PN = tbl.ListColumns("Project ID").Index

PN = 5

For i = 4 To LR 'co-ordinate of last data (could use rows.count)

If InStr(Cells(i, PN), "2100") = 0 Then

If Not IsEmpty(Cells(i, PN)) Then

' if addition in cell

Debug.Print Cells(i, PN).Value

Rows(i).EntireRow.Delete

End If

Else

If IsEmpty(Cells(i, 4)) Then

Debug.Print i

'Rows(i).EntireRow.Delete

End If

End If

Next i

'Total number of cases (rows)

Dim TC As Long

TC = LR - 4

MsgBox "Put into relevant cell in SPM outputs " & TC

End Sub