Automated Sorting Procedures

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```vba
Sub Sorting_NGN()


    'Get the vat in another book


    Dim Filelocation, file As String
        Filelocation = ThisWorkbook.Path
    file = InputBox("Put in the name of the file you want to Lookup", _
        "Do You want to Vlookup This File?", _
        "payables new.xlsx")
        Dim fileOpen As String
         On Error GoTo eh
    fileOpen = Filelocation & "\" & file
```
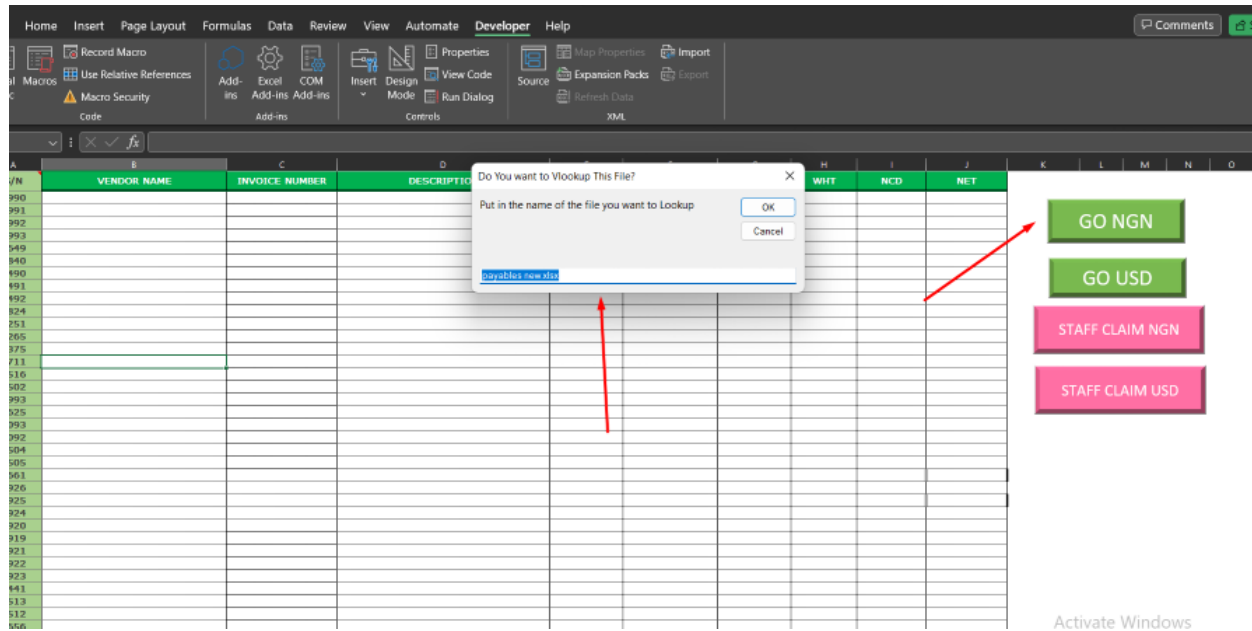
'**RESULT:**

'Open the two files before the lookup.

On Error GoTo eh

Workbooks.Open Filename:=fileOpen

Windows("New Automated SORTING SHEET.XLSM").Activate

Sheets("Automatic Sorting").Select

'CLEAR PREVIOUS CONTENT BEFORE THE AUTOMATION

```
    Range("B2:J127").Select

    Selection.ClearContents

    Range("A2").Select


    'dimensions for VLOOKUP variables

    Dim VendorName As Range

    Dim InvoiceNumber As Range

    Dim Description As Range

    Dim Dept As Range

    Dim GROSS As Range

    Dim VAT As Range

    Dim WHT As Range

    Dim NCD As Range

    Dim NET As Range
```

' Creating a loop for the VLOOKUP

```
  For Each VendorName In Range("b2:b127")

    On Error Resume Next

    VendorName.Value =
Application.WorksheetFunction.VLookup(VendorName.Offset(0, -1), _

      Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 2, 0)

  Next VendorName
```

```vba
    For Each InvoiceNumber In Range("c2:c127")

        On Error Resume Next

        InvoiceNumber.Value =
Application.WorksheetFunction.VLookup(InvoiceNumber.Offset(0, -2), _

        Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 5,
False)

    Next InvoiceNumber


    For Each Description In Range("d2:d127")

        On Error Resume Next

        Description.Value =
Application.WorksheetFunction.VLookup(Description.Offset(0, -3), _

        Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 6,
False)

    Next Description


    For Each Dept In Range("e2:e127")

        On Error Resume Next

        Dept.Value =
Application.WorksheetFunction.VLookup(Dept.Offset(0, -4), _
```

```vba
        Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 7, _
False)

    Next Dept




    For Each GROSS In Range("f2:f127")

        On Error Resume Next

        GROSS.Value = 
Application.WorksheetFunction.VLookup(GROSS.Offset(0, -5), _

        Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 10, _
False)

    Next GROSS


    For Each VAT In Range("g2:g127")

        On Error Resume Next

        VAT.Value = Application.WorksheetFunction.VLookup(VAT.Offset(0, -
6), _

        Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 12, _
False)

    Next VAT
```

```vba
    For Each WHT In Range("h2:h127")

        On Error Resume Next

        WHT.Value =
Application.WorksheetFunction.VLookup(WHT.Offset(0, -7), _

        Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 13,
False)

    Next WHT




    For Each NCD In Range("I2:I127")

        On Error Resume Next

        NCD.Value = Application.WorksheetFunction.VLookup(NCD.Offset(0,
-8), _

        Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 14,
False)

    Next NCD




    For Each NET In Range("J2:J127")

        On Error Resume Next

        NET.Value = Application.WorksheetFunction.VLookup(NET.Offset(0, -
9), _

        Workbooks(file).Sheets("NGN").Range("$A$14:$am$4076"), 16,
False)
```

```
    Next NET
```

'Close the Lookup file

```
    Windows(file).Close
```

```
eh:
```

```
End Sub
```