

```

Sub ProcessFiles()
    Dim filename, Pathname As String
    Dim Wb As Workbook
    Dim ws As Worksheet
    Dim MainSheet As Worksheet
    Dim c As Range
    Dim Rng As Range

    Application.DisplayAlerts = False

    Pathname = ActiveWorkbook.Path & "\Files\"
    filename = Dir(Pathname & "*.xls")
    Do While filename <> ""
        Set Wb = Workbooks.Open(Pathname & filename)
        DoWork Wb
        Wb.Close SaveChanges:=True
        filename = Dir()
    Loop

```

```

End Sub

```

```

Sub DoWork(Wb As Workbook)
With Wb

```

```

    Dim Firstrow As Long
    Dim Lastrow As Long
    Dim Lrow As Long
    Dim Lcol As Long
    Dim CalcMode As Long
    Dim ViewMode As Long
    Dim FindCustomer As Long
    Dim FindStatus As Long
    Dim FindPO As Long

```

```

    Dim FindFalse As Range

```

```

    Dim ProjectName As String
    Dim ProjectManager As String
    Dim Customer As String
    Dim CustomerPo As String
    Dim Status As String
    Dim Description As String

```

```

With Application
    CalcMode = .Calculation
    .Calculation = xlCalculationManual
    .ScreenUpdating = False
    .DisplayAlerts = False
End With

```

```

'We use the ActiveSheet but you can replace this with
'Sheets("MySheet")if you want
With ActiveSheet

```

'We select the sheet so we can change the window view
.Select

'If you are in Page Break Preview Or Page Layout view go
'back to normal view, we do this for speed
ViewMode = ActiveWindow.View
ActiveWindow.View = xlNormalView

'Turn off Page Breaks, we do this for speed
.DisplayPageBreaks = False

'Set the first and last row to loop through
Firstrow = .UsedRange.Cells(1).Row
Lastrow = .UsedRange.Rows(.UsedRange.Rows.Count).Row

'Set the first and last column to loop through
Firstcol = .UsedRange.Cells(1).Column
Lastcol = .UsedRange.Columns(.UsedRange.Columns.Count).Column

'Loop through the spreadsheet and unmerge cells
For Lrow = Lastrow To Firstrow Step -1
 For Lcol = Lastcol To Firstcol Step -1
 With .Cells(Lrow, Lcol)
 If .MergeCells Then
 .MergeArea.UnMerge
 End If
 End With
 Next Lcol
Next Lrow

ProjectName = .Cells(3, "A").Value
ProjectNameLength = Len(ProjectName)
ProjectName = Mid(ProjectName, 10, ProjectNameLength)

ProjectManager = .Cells(4, "A").Value
ProjectManagerLength = Len(ProjectManager)
ProjectManager = Mid(ProjectManager, 18, ProjectManagerLength)

Description = .Cells(5, "A").Value
DescriptionLength = Len>Description)
Description = Mid>Description, 14, DescriptionLength)

'Find the "False" Column
Set FindFalse = .UsedRange.Find("False", , xlValues, xlWhole)

Firstcol = .UsedRange.Cells(1).Column
Lastcol = .UsedRange.Columns(.UsedRange.Columns.Count).Column

Firstrow = .UsedRange.Cells(1).Row
Lastrow = .UsedRange.Rows(.UsedRange.Rows.Count).Row

'Find the column of "Customer"

```

For Lrow = Lastrow To Firstrow Step -1
  For Lcol = Lastcol To Firstcol Step -1
    If Cells(Lrow, Lcol).Value Like "Customer:*" Then
      FindCustomer = Lcol
    End If

    If Cells(Lrow, Lcol).Value Like "Status*" Then
      FindStatus = Lcol
    End If

    If Cells(Lrow, Lcol).Value Like "Customer PO:*" Then
      FindPO = Lcol
    End If
  Next Lcol
Next Lrow

```

```

Customer = .Cells(3, FindCustomer).Value
CustomerLength = Len(Customer)
Customer = Mid(Customer, 10, CustomerLength)

```

```

Status = .Cells(3, FindStatus).Value
StatusLength = Len(Status)
Status = Mid(Status, 8, StatusLength)

```

```

CustomerPo = .Cells(4, FindPO)
CustomerPoLength = Len(CustomerPo)
CustomerPo = Mid(CustomerPo, 14, CustomerPoLength)

```

```

Firstrow = .UsedRange.Cells(1).Row
Lastrow = .UsedRange.Rows(.UsedRange.Rows.Count).Row

```

```

'We loop from Lastrow to Firstrow (bottom to top)
For Lrow = Lastrow To Firstrow Step -1
  'We check the values in the AB column in this example
  With .Cells(Lrow, FindFalse.Column)
    If .Value <> "False" Then
      .EntireRow.Delete
      'This will delete each row with the Value "False"
      'in Column X, case sensitive.
    End If
  End With
Next Lrow

```

```

'Delete empty columns
For lngI = ActiveCell.SpecialCells(xlCellTypeLastCell).Column To 1 Step -1
  If Application.WorksheetFunction.CountA(ActiveSheet.Columns(lngI)) = 0 Then
    ActiveSheet.Columns(lngI).Delete
  End If
Next lngI

```

```

'Re-initialize or sheets # rows and # columns
Firstrow = .UsedRange.Cells(1).Row
Lastrow = .UsedRange.Rows(.UsedRange.Rows.Count).Row

```

```
Firstcol = .UsedRange.Cells(1).Column
Lastcol = .UsedRange.Columns(.UsedRange.Columns.Count).Column
```

```
'Trim the data of white spaces
For Lrow = Lastrow To Firstrow Step -1
    For Lcol = Lastcol To Firstcol Step -1
        With .Cells(Lrow, Lcol)
            .Value = Trim(.Value)
        End With
    Next Lcol
Next Lrow
```

```
'Insert two blank columns at beginning of worksheet
.Columns(1).Insert shift:=xlRight
.Columns(1).Insert shift:=xlRight
.Columns(1).Insert shift:=xlRight
.Columns(1).Insert shift:=xlRight
.Columns(1).Insert shift:=xlRight
.Columns(1).Insert shift:=xlRight
```

```
'Clear all cells formats
.Cells.ClearFormats
```

```
'Change the date column to a date format
.Columns("G").EntireColumn.NumberFormat = "m/d/yyyy"
```

```
End With
```

```
With Application
    .Calculation = CalcMode
    .ScreenUpdating = True
End With
```

```
With Application
    CalcMode = .Calculation
    .Calculation = xlCalculationManual
    .ScreenUpdating = False
    .DisplayAlerts = False
End With
```

```
With ActiveSheet
    .Select
    ViewMode = ActiveWindow.View
    ActiveWindow.View = xlNormalView
    .DisplayPageBreaks = False
```

```
'Re-initialize all columns
Firstcol = 1
Lastcol = 7
```

```
Firstrow = .UsedRange.Cells(1).Row
Lastrow = .UsedRange.Rows(.UsedRange.Rows.Count).Row
```

'Loop through the spreadsheet and add project name and accounting code to item

For Lrow = Lastrow To Firstrow Step -1

For Lcol = Lastcol To Firstcol Step -1

If Lcol = 1 Then

Cells(Lrow, 1).Value = Status

End If

If Lcol = 2 Then

Cells(Lrow, 2).Value = Customer

End If

If Lcol = 3 Then

Cells(Lrow, 3).Value = CustomerPo

End If

If Lcol = 4 Then

Cells(Lrow, 4).Value = ProjectName

End If

If Lcol = 5 Then

Cells(Lrow, 5).Value = Description

End If

If Lcol = 6 Then

Cells(Lrow, 5).Value = ProjectManager

End If

If Lcol = 7 Then

If Cells(Lrow, "J").Value = "EST" Then

Cells(Lrow, 6).Value = "TS180"

Cells(Lrow, "J").Value = "1-EST"

End If

If Cells(Lrow, "J").Value = "DET" Then

Cells(Lrow, 6).Value = "TS187"

Cells(Lrow, "J").Value = "2-DET"

End If

If Cells(Lrow, "J").Value = "PLA" Then

Cells(Lrow, 6).Value = "TS190"

End If

If Cells(Lrow, "J").Value = "SLC" Then

Cells(Lrow, 6).Value = "TS300"

Cells(Lrow, "J").Value = "3-SLC"

End If

If Cells(Lrow, "J").Value = "SBT" Then

Cells(Lrow, 6).Value = "TS300"

Cells(Lrow, "J").Value = "4-SBT"

End If

```
If Cells(Lrow, "J").Value = "SBR" Then
    Cells(Lrow, 6).Value = "TS300"
    Cells(Lrow, "J").Value = "5-SBR"
End If
```

```
    If Cells(Lrow, "J").Value = "STF" Then
        Cells(Lrow, 6).Value = "TS300"
        Cells(Lrow, "J").Value = "6-STF"
    End If
```

```
If Cells(Lrow, "J").Value = "SHW" Then
    Cells(Lrow, 6).Value = "TS300"
    Cells(Lrow, "J").Value = "7-SHW"
End If
```

```
If Cells(Lrow, "J").Value = "SBP" Then
    Cells(Lrow, 6).Value = "TS300"
    Cells(Lrow, "J").Value = "8-SBP"
End If
```

```
If Cells(Lrow, "J").Value = "QCT" Then
    Cells(Lrow, 6).Value = "TS400"
    Cells(Lrow, "J").Value = "9-QCT"
End If
```

```
If Cells(Lrow, "J").Value = "SHP" Then
    Cells(Lrow, 6).Value = "TS300"
End If
```

```
If Cells(Lrow, "J").Value = "SHF" Then
    Cells(Lrow, 6).Value = "TS300"
End If
```

```
If Cells(Lrow, "J").Value = "SMS" Then
    Cells(Lrow, 6).Value = "TS310"
End If
```

```
If Cells(Lrow, "J").Value = "TRA" Then
    Cells(Lrow, 6).Value = "TS200"
End If
```

```
If Cells(Lrow, "J").Value = "TRD" Then
    Cells(Lrow, 6).Value = "TS200"
End If
```

```
If Cells(Lrow, "J").Value = "SHP" Then
    Cells(Lrow, 2).Value = "TS300"
End If
```

```
If Cells(Lrow, "J").Value = "BWJ" Then
    Cells(Lrow, 6).Value = "TS500"
```

End If

If Cells(Lrow, "J").Value = "PFA" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "PFF" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "PFG" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "PFJ" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "PWJ" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "OCJ" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "SUP" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "BTJ" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "BMA" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "BMF" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "BMG" Then
Cells(Lrow, 6).Value = "TS500"
End If

If Cells(Lrow, "J").Value = "LAJ" Then
Cells(Lrow, 6).Value = "TS570"
End If

End If

```

    Next Lcol
Next Lrow

'Re-initialize or sheets # rows and # columns
Firstrow = .UsedRange.Cells(1).Row
Lastrow = .UsedRange.Rows(.UsedRange.Rows.Count).Row

Firstcol = .UsedRange.Cells(1).Column
Lastcol = .UsedRange.Columns(.UsedRange.Columns.Count).Column

'Trim the data of white spaces
For Lrow = Lastrow To Firstrow Step -1
    For Lcol = Lastcol To Firstcol Step -1
        With .Cells(Lrow, Lcol)
            .Value = Trim(.Value)
        End With
    Next Lcol
Next Lrow

>Delete the "False" column
.Columns("M").EntireColumn.Delete

'Autosize the columns to fit
.Columns.AutoFit

```

End With

```

With ActiveWindow
    .View = ViewMode
    .FreezePanes = False
    .SplitColumn = 0
    .SplitRow = 0
End With

```

```

With Application
    .Calculation = CalcMode
    .ScreenUpdating = True
End With

```

End With

End Sub

```

Sub OpenFile()
    Dim filename, Pathname As String
    Dim Wb As Workbook
    Dim ws As Worksheet
    Dim MainSheet As Worksheet
    Dim c As Range
    Dim Rng As Range

```



```
Application.ScreenUpdating = False
```

```
Pathname = ActiveWorkbook.Path & "\Files\  
filename = Dir(Pathname & "*.xls")  
Set MainSheet = ActiveSheet
```

```
Do While filename <> ""
```

```
    Set Wb = Workbooks.Open(Pathname & filename)  
    Set ws = Wb.Sheets(1)
```

```
    With ws
```

```
        Set Rng = .UsedRange
```

```
        With MainSheet
```

```
            Set c = .Cells(.Rows.Count, 1).End(xlUp).Offset(1) 'The first empty row
```

```
            If c.Row = 2 Then
```

```
                Set c = c.Offset(-1) 'c moves to the first row
```

```
            End If
```

```
            c.Resize(Rng.Rows.Count, Rng.Columns.Count).Value = Rng.Value 'Writes the Rng values to c
```

```
        End With
```

```
    End With
```

```
    Wb.Close
```

```
    filename = Dir()
```

```
Loop
```

```
Application.ScreenUpdating = True
```

```
End Sub
```