ub aa()

Dim fopen As Double

Dim lclose As Double

Dim totalv As Double

Dim MainWs As Worksheet

Dim wb As Workbook

Dim Ticker As String

Dim lastrow As Long

Set wb = ActiveWorkbook

For Each MainWs In wb.Sheets

totalv = 0

grp = 2

fopen = MainWs.Cells(2, 3).Value

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

'lastrow =

For r = 2 To lastrow

totalv = totalv + MainWs.Cells(r, 7).Value

If MainWs.Cells(r, 1).Value <> MainWs.Cells(r + 1, 1).Value Then

lclose = MainWs.Cells(r, 6).Value

Change = lclose - fopen

perc = Change / fopen

MainWs.Cells(grp, 9).Value = MainWs.Cells(r, 1).Value

MainWs.Cells(grp, 10).Value = Change

MainWs.Cells(grp, 11).Value = perc

MainWs.Cells(grp, 12).Value = totalv

fopen = MainWs.Cells(r + 1, 3).Value

totalv = 0

grp = grp + 1

End If

Next r

Next

End Sub

Sub WorksheetLoop()

'Set MainWs as a worksheet object variable

Dim headers() As Variant

Dim MainWs As Worksheet

Dim wb As Workbook

Dim Ticker As String

Set wb = ActiveWorkbook

'For Each MainWs In wb.Sheets

'Create the column headings

ws.Range("I1").Value = "Ticker"

ws.Range("J1").Value = "Yearly Change"

ws.Range("K1").Value = "Percent Change"

ws.Range("L1").Value = "Total Stock Volume"

ws.Range("P1").Value = "Ticker"

ws.Range("Q1").Value = "Value"

ws.Range("O2").Value = "Greatest % Increase"

ws.Range("O3").Value = "Greatest % Decrease"

ws.Range("O4").Value = "Greatest Total Volume"

'Define Ticker variable

Ticker = " "

Dim Ticker\_volume As Double

Ticker\_volume = 0

For Each MainWs In wb.Sheets

With MainWs.Rows(1).Value = " "

For i = LBound(headers()) To UBound(headers())

.Cells(1, 1 + i).Value = headers(i)

Next i

.Rows(1).Font.Bold = True

.Rows(1).VerticalAlignment = x1Centre

End With

Next MainWs

'loop through all of the worksheets in the workbook

For Each MainWs In Worksheets

'Set initial variables for calculations

Dim Ticker\_name As String

Ticker\_name = " "

Dim Total\_Ticker\_Volume As Double

Total\_Ticker\_Volume = 0

Dim Open\_price As Double

Open\_price = 0

Dim Close\_Price As Double

Close\_Price = 0

Dim Yearly\_price\_change As Double

Yearly\_price\_change = 0

Dim Price\_percent\_change As Double

Price\_percent\_change = 0

Dim Max\_Ticker\_Name As String

Max\_Ticker\_Name = " "

Dim Min\_Ticker\_Name As String

Min\_Ticker\_Name = " "

Dim Max\_percent As String

Max\_percent = 0

Dim Min\_Percent As String

Min\_Percent = 0

Dim Max\_Volume\_Ticker\_Name As String

Max\_Volume\_Ticker\_Name = " "

Dim Max\_Volume As Double

Max\_Volume = 0

'\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

'Set locations for variables

Dim Summary\_Table\_Row As Long

Summary\_Table\_Row = 2

'Set row count for workbook (all sheets)

Dim lastrow As Long

'loop through all sheets to find last cell thats not empty

lastrow = MainWs.Cells(Rows.Count, 1).End(x1Up).Row

'set initial value of opening stock value for the first ticker of MainWS

Open\_price = MainWs.Cells(2, 3).Value

'Loop from the beginning of the main worksheet (Row2) till its last row of worksheet 3

For i = 2 To lastrow

'check if we are still on the same ticker name

If MainWs.Cells(i + 1, 1).Value <> MainsWs.Cells(i, 1).Value Then

'set the ticker name starting point

Ticker\_name = MainWs.Cells(i, 1).Value

'Calculate

Closing\_price = MainWs.Cells(i, 6).Value

Yearly\_price\_change = Close\_Price - Close\_Price

'set condition for the zero value

If Open\_price <> 0 Then

yearly\_price\_change\_percent = (Yearly\_price\_change / Open\_price) \* 100

End If

'add to the ticker total volume

Total\_Ticker\_Volume = Total\_Ticker\_Volume + MainWs.Cells(i, 7).Value

'Print the ticker name in the summary table, column I

MainWs.Range("I" & Summary\_Table\_Row).Value = Ticker\_name

'colour fill yearly price change: red for negative, and green for positive change

If (Yearly\_price\_change > 0) Then

MainWs.Range("J" & Summary\_Table\_Row).Interior.ColorIndex = 4

ElseIf (Yearly\_price\_change <= 0) Then

MainWs.Range("J" & Summary\_Table\_Row).Interior.ColorIndex = 3

End If

'print the yearly price change as a percent in the Summary table, column K

MainWs.Range("K" & Summary\_Table\_Row).Value = (CStr(yearly\_price\_change\_percent)) & "%"

'print the total stock volume in the summary column L

MainWs.Range("L" & Summary\_Table\_Row).Value = Total\_Ticker\_Volume

'add 1 to the summary row table count

Summary\_Table\_Row = Summary\_Table\_Row + 1

'Get next open price

Open\_price = MainWs.Cells(i + 3).Value

'Do calculations

If (yearly\_price\_change\_percent > Max\_percent) Then Max\_percent = yearly\_change\_percent

Max\_Ticker\_Name = Ticker\_name

ElseIf (yearly\_price\_change\_percent < Min\_Percent) Then

Min\_Percent = yearly\_price\_change\_percent

Min\_Ticker\_Name = Ticker\_name

End If

If (Total\_Ticker\_Volume > Max\_Volume) Then

Max\_Volume = Total\_Ticker\_Volume

Max\_Volume\_Ticker\_Name = Ticker\_name

End If

'reset values

yearly\_price\_change\_percent = 0

Total\_Ticker\_Volume = 0

'else if in next ticker name, enter new ticker stock volume

Else

Total\_Ticker\_Volume = Total\_Ticker\_Volume + MainWs.Cells(i, 7).Value

End If

Next i

'print values in assigned cells

MainWs.Range("Q2").Value = (CStr(Max\_percent)) & "%"

MainWs.Range("Q3").Value = (CStr(Min\_Percent)) & "%"

MainWs.Range("P2").Value = Max\_Ticker\_Name

MainWs.Range("P3").Value = Min\_Ticker\_Name

MainWs.Range("Q4").Value = Max\_Volume

MainWs.Range("02").Value = "Greatest % Increase"

MainWs.Range("03").Value = "Greatest % Decrease"

MainWs.Range("04").Value = "Greatest Total Volume"

Next MainWs

End Sub