Sub test()

Dim ws As Worksheet

For Each ws In Worksheets

'determine the last row

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

'Declare variables

Dim ticker As String

Dim yearly\_change As Double

Dim percent\_change As Double

Dim total\_stock As Variant

total\_stock = 0

Dim close\_price As Double

Dim open\_price As Double

Dim summary\_table\_row As Integer

summary\_table\_row = 2

Dim j As Integer

Dim i As Long

Dim WorksheetsName As String

'grabbed the worksheetName

WorksheetName = ws.Name

'set headers

ws.Cells(1, 9).Value = "Ticker"

ws.Cells(1, 10).Value = "Yearly Change"

ws.Cells(1, 11).Value = "Percent Change"

ws.Cells(1, 12).Value = "total stock"

'set the price

open\_price = ws.Cells(2, 3).Value

'Loop

For i = 2 To LastRow

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

ticker = ws.Cells(i, 1).Value

'set close price

close\_price = ws.Cells(i, 6).Value

yearly\_change = close\_price - open\_price

'Add %\_change

If (open\_price = 0 And close\_price = 0) Then

percent\_change = 0

ElseIf (open\_price = 0 And close\_price <> 0) Then

percent\_change = 1

Else

percent\_change = yearly\_change / open\_price

ws.Cells(i, 11).NumberFormat = "0.00%"

End If

'Add total volume of stock

total\_stock = total\_stock + Cells(i, 7).Value

ws.Range("I" & summary\_table\_row).Value = ticker

ws.Range("J" & summary\_table\_row).Value = yearly\_change

ws.Range("K" & summary\_table\_row).Value = percent\_change

ws.Range("L" & summary\_table\_row).Value = total\_stock

summary\_table\_row = summary\_table\_row + 1

i = i + 1

'reset the price and the total volume

open\_price = ws.Cells(i + 1, 3)

total\_stock = 0

Else

total\_stock = total\_stock + ws.Cells(i, 7).Value

End If

Next i

'set the last row of each ws

wsLastRow = ws.Cells(Rows.Count, 9).End(xlUp).Row

'Add Color for positiv % change and negativ % change

For j = 2 To wsLastRow

If (ws.Cells(j, 10).Value > 0 Or ws.Cells(j, 10).Value = 0) Then

ws.Cells(j, 10).Interior.ColorIndex = 4

ElseIf ws.Cells(j, 10).Value < 0 Then

ws.Cells(j, 10).Interior.ColorIndex = 3

End If

Next j

'set variables for the hard solution

ws.Cells(2, 15).Value = "greatest%increase"

ws.Cells(3, 15).Value = "greatest%decrease"

ws.Cells(4, 15).Value = "greatestTotalVol"

ws.Cells(1, 16).Value = "ticker"

ws.Cells(1, 17).Value = "total\_stock"

'Loop

For i = 2 To wsLastRow

If ws.Cells(i, 11).Value = Application.WorksheetFunction.Max(ws.Range("K2:K" & wsLastRow)) Then

ws.Cells(2, 16).Value = ws.Cells(i, 9).Value

ws.Cells(2, 17).Value = ws.Cells(i, 11).Value

ws.Cells(2, 17).NumberFormat = "0.00%"

ElseIf ws.Cells(i, 11).Value = Application.WorksheetFunction.Min(ws.Range("K2:K" & wsLastRow)) Then

ws.Cells(3, 16).Value = ws.Cells(i, 9).Value

ws.Cells(3, 17).Value = ws.Cells(i, 11).Value

ws.Cells(3, 17).NumberFormat = "0.00%"

ElseIf ws.Cells(i, 12).Value = Application.WorksheetFunction.Max(ws.Range("L2:L" & wsLastRow)) Then

ws.Cells(4, 16).Value = ws.Cells(i, 9).Value

ws.Cells(4, 17).Value = ws.Cells(i, 12).Value

End If

Next i

Next ws

End Sub