Sub Module2Challenge()

For Each ws In Worksheets

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

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

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

Dim openprice As Double

Dim closeprice As Double

Dim yearlychange As Double

Dim percentchange As Double

Dim totalstock As Double

totalstock = 0

Dim stockrow As Integer

stockrow = 2

Dim ticker As String

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

lastrow3 = ws.Cells(Rows.Count, 9).End(xlUp).Row

For m = 2 To lastrow

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

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

totalstock = totalstock + ws.Cells(m, 7).Value

ws.Range("I" & stockrow).Value = ticker

ws.Range("L" & stockrow).Value = totalstock

stockrow = stockrow + 1

totalstock = 0

Else

totalstock = totalstock + ws.Cells(m, 7).Value

End If

Next m

For j = 1 To lastrow3

For i = 2 To lastrow

'to stop at the end

If ws.Cells(i, 1).Value = ws.Range("H1").Value Then

ws.Range("H2").Value = "done"

j = lastrow

ElseIf ws.Cells(i, 1).Value = ws.Cells(j, 9).Value Then

closeprice = ws.Cells(i + 1, 6).Value

i = i + 1

ElseIf ws.Cells(i, 1).Value <> ws.Cells(j, 9).Value Then

ws.Cells(1 + j, 9).Value = ws.Cells(i, 1).Value

openprice = ws.Cells(i, 3).Value

j = j + 1

totalstock = 0

End If

yearlychange = openprice - closeprice

ws.Cells(j, 10).Value = yearlychange

'precent change

percentchange = yearlychange / openprice \* 100

ws.Cells(j, 11).Value = percentchange

Next i

Next j

For n = 2 To lastrow

If ws.Cells(n, 10).Value > 0 Then

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

ElseIf ws.Cells(n, 10) < 0 Then

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

End If

Next n

For q = 2 To lastrow

If ws.Cells(q, 11).Value > 0 Then

ws.Cells(q, 11).Interior.ColorIndex = 4

ElseIf ws.Cells(q, 11) < 0 Then

ws.Cells(q, 11).Interior.ColorIndex = 3

End If

Next q

For o = 2 To lastrow

If ws.Cells(o, 11).Value > ws.Cells(2, 17).Value Then

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

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

ElseIf ws.Cells(o, 11).Value < ws.Cells(3, 17).Value Then

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

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

End If

Next o

For p = 2 To lastrow

If ws.Cells(p, 12).Value > ws.Cells(4, 17).Value Then

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

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

End If

Next p

Next ws

End Sub