Sub stock\_analysis():

'Set dimensions

Dim total As Double

Dim row As Long

Dim change As Double

Dim column As Integer

Dim start As Long

Dim RowCount As Long

Dim PercentChange As Double

Dim days As Integer

Dim DailyChange As Single

Dim AvgChange As Double

Dim ws As Worksheet

For Each ws In Worksheets

column = 0

total = 0

change = 0

start = 2

DailyChange = 0

'Set Title Row

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"

'Find what the last row is

RowCount = ws.Cells(Rows.Count, "A").End(xlUp).row

MsgBox (RowCount)

For row = 2 To RowCount

'If the ticker changes, print results

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

'Storing results in variable

total = total + ws.Cells(row, 7).Value

If total = 0 Then

'print results

ws.Range("I" & 2 + column).Value = Cells(row, 1).Value

ws.Range("J" & 2 + column).Value = 0

ws.Range("K" & 2 + column).Value = "%" & 0

ws.Range("L" & 2 + column).Value = 0

Else

If ws.Cells(start, 3) = 0 Then

For find\_value = start To row

If ws.Cells(find\_value, 3).Value <> 0 Then

start = find\_value

Exit For

End If

Next find\_value

End If

change = (ws.Cells(row, 6) - ws.Cells(start, 3))

PercentChange = change / ws.Cells(start, 3)

start = row + 1

ws.Range("I" & 2 + column) = ws.Cells(row, 1).Value

ws.Range("J" & 2 + column) = change

ws.Range("J" & 2 + column).NumberFormat = "0.00"

ws.Range("K" & 2 + column).Value = PercentChange

ws.Range("K" & 2 + column).NumberFormat = "0.00%"

ws.Range("L" & 2 + column).Value = total

Select Case change

Case Is > 0

ws.Range("J" & 2 + column).Interior.ColorIndex = 4

Case Is < 0

ws.Range("J" & 2 + column).Interior.ColorIndex = 3

Case Else

ws.Range("J" & 2 + column).Interior.ColorIndex = 0

End Select

End If

total = 0

change = 0

column = column + 1

days = 0

DailyChange = 0

Else

'IF the ticker is still the same, add the results

total = total + ws.Cells(row, 7).Value

End If

Next row

'Take the max and min and place them in a separate part of the worksheet

ws.Range("Q2") = "%" & WorksheetFunction.Max(ws.Range("K2:K" & RowCount)) \* 100

ws.Range("Q3") = "%" & WorksheetFunction.Min(ws.Range("K2:K" & RowCount)) \* 100

ws.Range("Q4") = WorksheetFunction.Max(ws.Range("L2:L" & RowCount))

increase\_number = WorksheetFunction.Match(WorksheetFunction.Max(ws.Range("K2:K" & RowCount)), ws.Range("K2:K" & RowCount), 0)

decrease\_number = WorksheetFunction.Match(WorksheetFunction.Min(ws.Range("K2:K" & RowCount)), ws.Range("K2:K" & RowCount), 0)

volume\_number = WorksheetFunction.Match(WorksheetFunction.Max(ws.Range("L2:L" & RowCount)), ws.Range("L2:L" & RowCount), 0)

ws.Range("P2") = ws.Cells(increase\_number + 1, 9)

ws.Range("P3") = ws.Cells(decrease\_number + 1, 9)

ws.Range("P4") = ws.Cells(volume\_number + 1, 9)

Next ws

End Sub