Sub StockAnalysis()

  ' Set dimensions  
    Dim total As Double  
    Dim i As Long  
    Dim change As Double  
    Dim j As Integer  
    Dim start As Long  
    Dim rowCount As Long  
    Dim percentChange As Double  
    Dim days As Integer  
    Dim dailyChange As Double  
    Dim averageChange As Double  
    Dim ws As Worksheet    For Each ws In Worksheets  
        ' Set values for each worksheet  
        j = 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"        ' get the row number of the last row with data  
        rowCount = Cells(Rows.Count, "A").End(xlUp).Row        For i = 2 To rowCount            ' If ticker changes then print results  
            If ws.Cells(i + 1, 1).Value <> ws.Cells(i, 1).Value Then                ' Stores results in variables  
                total = total + ws.Cells(i, 7).Value                ' Handle zero total volume  
                If total = 0 Then  
                    ' print the results  
                    ws.Range("I" & 2 + j).Value = Cells(i, 1).Value  
                    ws.Range("J" & 2 + j).Value = 0  
                    ws.Range("K" & 2 + j).Value = "%" & 0  
                    ws.Range("L" & 2 + j).Value = 0                Else  
                    ' Find First non zero starting value  
                    If ws.Cells(start, 3) = 0 Then  
                        For find\_value = start To i  
                            If ws.Cells(find\_value, 3).Value <> 0 Then  
                                start = find\_value  
                                Exit For  
                            End If  
                        Next find\_value  
                    End If                    ' Calculate Change  
                    change = (ws.Cells(i, 6) - ws.Cells(start, 3))  
                    percentChange = change / ws.Cells(start, 3)                    ' start of the next stock ticker  
                    start = i + 1                    ' print the results  
                    ws.Range("I" & 2 + j).Value = ws.Cells(i, 1).Value  
                    ws.Range("J" & 2 + j).Value = change  
                    ws.Range("J" & 2 + j).NumberFormat = "0.00"  
                    ws.Range("K" & 2 + j).Value = percentChange  
                    ws.Range("K" & 2 + j).NumberFormat = "0.00%"  
                    ws.Range("L" & 2 + j).Value = total                    ' colors positives green and negatives red  
                    Select Case change  
                        Case Is > 0  
                            ws.Range("J" & 2 + j).Interior.ColorIndex = 4  
                        Case Is < 0  
                            ws.Range("J" & 2 + j).Interior.ColorIndex = 3  
                        Case Else  
                            ws.Range("J" & 2 + j).Interior.ColorIndex = 0  
                    End Select                End If                ' reset variables for new stock ticker  
                total = 0  
                change = 0  
                j = j + 1  
                days = 0  
                dailyChange = 0            ' If ticker is still the same add results  
            Else  
                total = total + ws.Cells(i, 7).Value            End If        Next i        ' take the max and min and place them in a separate part in 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))        ' returns one less because header row not a factor  
        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)        ' final ticker symbol for  total, greatest % of increase and decrease, and average  
        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 wsEnd Sub