```
Sub stock_analysis()
    'set dimentions
 Dim total As Double
    Dim rowIndex As Long
    Dim change As Double
    Dim columnIndex As Integer
    Dim start As Long
    Dim rowCount As Long
    Dim percentChange As Single
    Dim ws As Worksheet
    Dim find_value As Long
    Dim dailyChange As Single
    Dim averageChange As Double

  For Each ws In Worksheets
    columnIndex = 0
    total = 0
    change = 0
    start = 2
    dailyChange = 0

    'Set title rows

    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 # of the last row with data
     rowCount = ws.Cells(Rows.Count, "A").End(xlUp).Row
     MsgBox (rowCount)
     For rowIndex = 2 To rowCount

'
       'if ticker changes then print result
       If ws.Cells(rowIndex + 1, 1).Value <> ws.Cells(rowIndex, 1).Value Then
'
'          'store results in variables
           total = total + ws.Cells(rowIndex, 7).Value
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        If total = 0 Then
'
            'print the results
            ws.Range("I" & 2 + columnIndex).Value = ws.Cells(rowIndex, 1).Value
            ws.Range("J" & 2 + columnIndex).Value = 0
            ws.Range("K" & 2 + columnIndex).Value = "%" & 0
            ws.Range("L" & 2 + columnIndex).Value = 0
'
        Else
        If ws.Cells(start, 3) = 0 Then
            For find_value = start To rowIndex
                If ws.Cells(find_value, 3).Value <> 0 Then
                    start = find_value

                  Exit For
                End If
            Next find_value
        End If
'
        change = (ws.Cells(rowIndex, 6) - ws.Cells(start, 3))
        percentChange = change / ws.Cells(start, 3)
'
        start = rowIndex + 1
'
        ws.Range("I" & 2 + columnIndex) = ws.Cells(rowIndex, 1).Value
        ws.Range("J" & 2 + columnIndex) = change
        ws.Range("J" & 2 + columnIndex).NumberFormat = "0.00"
        ws.Range("K" & 2 + columnIndex).Value = percentChange
        ws.Range("K" & 2 + columnIndex).NumberFormat = "0.00%"
        ws.Range("L" & 2 + columnIndex).Value = total

        Select Case change
         Case Is > 0
            ws.Range("J" & 2 + columnIndex).Interior.ColorIndex = 4
        Case Is < 0
            ws.Range("J" & 2 + columnIndex).Interior.ColorIndex = 3
        Case Else
            ws.Range("J" & 2 + columnIndex).Interior.ColorIndex = 0

        End Select


    End If
```

```
        total = 0
        change = 0
        columnIndex = columnIndex + 1
        days = 0
        dailyChange = 0

      Else
      'if ticker is still the same add results
        total = total + ws.Cells(rowIndex, 7).Value

       End If


    Next rowIndex

     'take the max and min and place them in a seperate 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))

     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
```