Sub Stock\_Analysis()

Dim ws As Worksheet

For Each ws In Worksheets

ws.Cells(1, 8).Value = "Ticker"

ws.Cells(1, 9).Value = "Yearly Change "

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

ws.Cells(1, 11).Value = "Total Stock Volume"

Dim ticker\_symbol As String

Dim total\_vol As Double

total\_vol = 0

Dim rowcount As Long

rowcount = 2

Dim year\_open As Double

year\_open = 0

Dim year\_close As Double

year\_close = 0

Dim year\_change As Double

year\_change = 0

Dim percent\_chang As Double

percent\_change = 0

Dim lastrow As Long

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

For i = 2 To lastrow

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

year\_open = ws.Cells(i, 3).Value

End If

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

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

ws.Cells(rowcount, 8).Value = ws.Cells(i, 1).Value

ws.Cells(rowcount, 11).Value = total\_vol

year\_close = ws.Cells(i, 6).Value

year\_change = year\_close - year\_open

ws.Cells(rowcount, 9).Value = year\_change

If year\_change >= 0 Then

ws.Cells(rowcount, 9).Interior.ColorIndex = 4

Else

ws.Cells(rowcount, 9).Interior.ColorIndex = 3

End If

If year\_open = 0 And year\_close = 0 Then

percent\_change = 0

ws.Cells(rowcount, 10).Value = percent\_change

ws.Cells(rowcount, 10).NumberFormat = "0.00%"

ElseIf year\_open = 0 Then

Dim percent\_change\_NA As String

percent\_change\_NA = "New Stock"

ws.Cells(rowcount, 10).Value = percent\_change

Else

percent\_change = year\_change / year\_open

ws.Cells(rowcount, 10).Value = percent\_change

ws.Cells(rowcount, 10).NumberFormat = "0.00%"

End If

rowcount = rowcount + 1

total\_vol = 0

year\_open = 0

year\_close = 0

year\_change = 0

percent\_change = 0

End If

Next i

ws.Cells(2, 14).Value = "Greatest % Increase"

ws.Cells(3, 14).Value = "Greatest % Decrease"

ws.Cells(4, 14).Value = "Greatest Total Volume"

ws.Cells(1, 15).Value = "Ticker"

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

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

Dim best\_stock As String

Dim best\_value As Double

best\_value = ws.Cells(2, 10).Value

Dim worst\_stock As String

Dim worst\_value As Double

worst\_value = ws.Cells(2, 10).Value

Dim most\_vol\_stock As String

Dim most\_vol\_value As Double

most\_vol\_value = ws.Cells(2, 11).Value

For j = 2 To lastrow

If ws.Cells(j, 10).Value > best\_value Then

best\_value = ws.Cells(j, 10).Value

best\_stock = ws.Cells(j, 8).Value

End If

If ws.Cells(j, 10).Value < worst\_value Then

worst\_value = ws.Cells(j, 10).Value

worst\_stock = ws.Cells(j, 8).Value

End If

If ws.Cells(j, 11).Value > most\_vol\_value Then

most\_vol\_value = ws.Cells(j, 11).Value

most\_vol\_stock = ws.Cells(j, 8).Value

End If

Next j

ws.Cells(2, 15).Value = best\_stock

ws.Cells(2, 16).Value = best\_value

ws.Cells(2, 16).NumberFormat = "0.00%"

ws.Cells(3, 15).Value = worst\_stock

ws.Cells(3, 16).Value = worst\_value

ws.Cells(3, 16).NumberFormat = "0.00%"

ws.Cells(4, 15).Value = most\_vol\_stock

ws.Cells(4, 16).Value = most\_vol\_value

ws.Columns("I:L").EntireColumn.AutoFit

ws.Columns("O:Q").EntireColumn.AutoFit

Next ws

End Sub