Sub FILL\_SINGLE\_SHEET():

For Each WS In Worksheets

WS.Activate

' Declare all variables for FILL\_SINGLE\_SHEET sub procedure.

Dim i, lastrow, counter As Long

Dim summ, yearlyChange, percentMin, percentMax, volumeMax As Double

Dim priceFlag As Boolean

Dim percentMinTicker, percentMaxTicker, volumeMaxTicker As String

' Initialize variables before for loop.

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

counter = 2

summ = 0

priceFlag = True

percentMin = 1E+99

percentMax = -1E+99

volumeMax = -1E+99

For i = 2 To lastrow

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

' Save unique ticker symbol in column I.

Cells(counter, 9).Value = Cells(i, 1).Value

' Calculate Yearly Change and save in column J. Also, highlight cell red (negative) or green (positive).

closePrice = Cells(i, 6).Value

yearlyChange = closePrice - openPrice

Cells(counter, 10).Value = yearlyChange

If yearlyChange < 0 Then

Cells(counter, 10).Interior.ColorIndex = 3

Cells(counter, 11).Interior.ColorIndex = 3

ElseIf yearlyChange > 0 Then

Cells(counter, 10).Interior.ColorIndex = 4

Cells(counter, 11).Interior.ColorIndex = 4

End If

' Calculate percent change and save in column K. Careful when dividing by zero!

If yearlyChange = 0 Or openPrice = 0 Then

Cells(counter, 11).Value = 0

Else

Cells(counter, 11).Value = Format(yearlyChange / openPrice, "#.##%")

End If

' Save Total Volume in column L.

summ = summ + Cells(i, 7).Value

Cells(counter, 12).Value = summ

' Find the values for greatest decrease/increase and greatest volume.

If Cells(counter, 11).Value > percentMax Then

If Cells(counter, 11).Value = ".%" Then

Else

percentMax = Cells(counter, 11).Value

percentMaxTicker = Cells(counter, 9).Value

End If

ElseIf Cells(counter, 11).Value < percentMin Then

percentMin = Cells(counter, 11).Value

percentMinTicker = Cells(counter, 9).Value

ElseIf Cells(counter, 12).Value > volumeMax Then

volumeMax = Cells(counter, 12).Value

volumeMaxTicker = Cells(counter, 9).Value

End If

' Reset variables and go to next ticker symbol.

counter = counter + 1

summ = 0

priceFlag = True

Else

' Use flag to save the open price value at the start of the year.

If priceFlag Then

openPrice = Cells(i, 3).Value

priceFlag = False

End If

' If adjacent ticker symbols are the same, then save volume value.

summ = summ + Cells(i, 7).Value

End If

Next i

' Save the values for greatest decrease/increase and greatest volume.

Cells(2, 17).Value = Format(percentMax, "#.##%")

Cells(3, 17).Value = Format(percentMin, "#.##%")

Cells(4, 17).Value = volumeMax

' Fill in headers names.

Cells(1, "I").Value = "Ticker"

Cells(1, "J").Value = "Yearly Change"

Cells(1, "K").Value = "Percent Change"

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

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

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

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

Cells(1, "Q").Value = "Value"

Cells(1, "R").Value = "Ticker"

Summary\_count = Cells(Rows.Count, "K").End(xlUp).Row

Great\_increase = 0

Great\_decrease = 0

Great\_totalvolume = 0

ticker\_name = " "

For i = 2 To Summary\_count

If Cells(i, "K").Value > Great\_increase Then

Great\_increase = Cells(i, "K").Value

ticker\_name = Cells(i, "I").Value

End If

Next i

Range("Q2").Value = Great\_increase

Range("R2").Value = ticker\_name

For i = 2 To Summary\_count

If Cells(i, "K").Value < Great\_decrease Then

Great\_decrease = Cells(i, "K").Value

ticker\_name = Cells(i, "I").Value

End If

Next i

Range("Q3").Value = Great\_decrease

Range("R3").Value = ticker\_name

For i = 2 To Summary\_count

If Cells(i, "L").Value > Great\_totalvolume Then

Great\_totalvolume = Cells(i, "L").Value

ticker\_name = Cells(i, "I").Value

End If

Next i

Range("Q4").Value = Great\_totalvolume

Range("R4").Value = ticker\_name

Next WS

MsgBox ("Complete")

End Sub