Sub FILL\_EVERY\_SHEET()

'Sub loop\_every\_Sheet()

' Declaring all the variables for calculaton\_for\_a\_sheet procedures

Dim i, Lastrow, Counter As Long

Dim Summ, YearlyChange, PercentMin, PercentMax, VolumeMax As Double

Dim priceFlag As Boolean

Dim PercentMinTicker, PercentMaxTicker, VolumeMaxTicker As String

Dim sheet As Worksheet

' InitializIng all these above variables before starting the 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

' Using For loop for selecting and Calculating every sheets values.

For Each sheet In ThisWorkbook.Worksheets

sheet.Select

For i = 2 To Lastrow

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

' Saving unique ticker symbol in column I.

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

' Calculating Yearly Change and save in column J

' Also, highlight cell red for negative values or green for positive values

'Also white color for Percentage change

closePrice = Cells(i, 6).Value

closePrice = Cells(i, 6).Value

YearlyChange = closePrice - openPrice

Cells(Counter, 10).Value = YearlyChange

If YearlyChange < 0 Then

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

ElseIf YearlyChange > 0 Then

Cells(Counter, 10).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

' Saving the values for greatest decrease/increase and greatest volume in percentage.

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

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

Cells(4, 17).Value = VolumeMax

' Filling in headers names.

Cells(1, 9).Value = "Ticker"

Cells(1, 10).Value = "Yearly Change"

Cells(1, 11).Value = "Percent Change"

Cells(1, 12).Value = "Total Stock Volume"

Cells(2, 15).Value = "Greatest % Increase"

Cells(3, 15).Value = "Greatest % Decrease"

Cells(4, 15).Value = "Greatest Total Volume"

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

Cells(1, 17).Value = "Volume"

' Placing relative ticker symbol to challance values.

Cells(2, 16).Value = PercentMaxTicker

Cells(3, 16).Value = PercentMinTicker

Cells(4, 16).Value = VolumeMaxTicker

sheet.Range("I:Q").Columns.AutoFit

Next sheet

End Sub