Sub ApplyForMultipleSheets()

Dim xSh As Worksheet

Application.ScreenUpdating = False

For Each xSh In Worksheets

xSh.Select

Call Calculations

Next

Application.ScreenUpdating = True

End Sub

Sub Calculations()

Dim ticker As String

Dim TotalStockVolume As Double

Dim OpenPrice As Double

Dim ClosePrice As Double

Dim YearlyChange As Double

Dim PercentIncrease As Double

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

Dim RowsInSheet As Long

RowsInSheet = Cells(Rows.Count, "A").End(xlUp).Row

Range("I" & 1) = "Ticker"

Range("J" & 1) = "Yearly Change"

Range("K" & 1) = "Percentage Change"

Range("L" & 1) = "Total Stock Volume"

Range("P" & 1) = "Ticker"

Range("Q" & 1) = "Value"

Range("O" & 2) = "Greatest%Increase"

Range("O" & 3) = "Greatest%Decrease"

Range("O" & 4) = "GreatestTotalVolume"

Dim GreatestPercentIncrease As Double

Dim GreatestPercentDecrease As Double

Dim GreatestTotalVolume As Double

GreatestPercentIncrease = 0

GreatestPercentDecrease = 0

GreatestTotalVolume = 0

Dim GreatestPercentIncreaseTicker As String

Dim GreatestPercentDecreaseTicker As String

Dim GreatestTotalVolumeTicker As String

TotalStockVolume = 0

ticker = Cells(2, 1).Value

OpenPrice = Cells(2, 3).Value

For i = 2 To RowsInSheet

TotalStockVolume = TotalStockVolume + (Cells(i, 7).Value / 1000000)

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

ClosePrice = Cells(i, 5).Value

YearlyChange = ClosePrice - OpenPrice

If OpenPrice = 0 Then

PercentIncrease = 0

Else

PercentIncrease = ((ClosePrice - OpenPrice) / OpenPrice) \* 100

End if

' copy to summary table

Range("I" & Summary\_Table\_Row).Value = ticker

Range("J" & Summary\_Table\_Row).Value = YearlyChange

Range("K" & Summary\_Table\_Row).Value = PercentIncrease

Range("L" & Summary\_Table\_Row).Value = (TotalStockVolume \* 1000000)

' Color code the cells so that the negative value has Green

If Cells(Summary\_Table\_Row, 11).Value >= 0 Then

Cells(Summary\_Table\_Row, 11).Interior.ColorIndex = 4

Else

Cells(Summary\_Table\_Row, 11).Interior.ColorIndex = 3

End If

'Greatest percent increase

If PercentIncrase > GreatestPercentIncrease Then

GreatestPercentIncrease = PercentIncrease

GreatestPercentIncreaseTicker = ticker

End If

'Greatest percent decrease

If PercentIncrease < GreatestPercentDecrease Then

GreatestPercentDecrease = PercentIncrease

GreatestPercentDecreaseTicker = ticker

End If

'Greatest total volume

If TotalStockVolume > GreatestTotalStockVolume Then

GreatestTotalStockVolume = TotalStockVolume

GreatestTotalStockVolumeTicker = ticker

End If

' reset variables for next ticker calculation

TotalStockVolume = 0

ticker = Cells(i + 1, 1).Value

OpenPrice = Cells(i + 1, 3).Value

Summary\_Table\_Row = Summary\_Table\_Row + 1

End If

Next i

Range("P" & 2) = GreatestPercentIncreaseTicker

Range("Q" & 2) = GreatestPercentIncrease

Range("P" & 3) = GreatestPercentDecreaseTicker

Range("Q" & 3) = GreatestPercentDecrease

Range("P" & 4) = GreatestTotalStockVolumeTicker

Range("Q" & 4) = GreatestTotalStockVolume \* 1000000

End Sub