Sub Ticker()

'TICKER SYMBOL

Dim ws As Worksheet

Dim lastRow As Long

For Each ws In ThisWorkbook.Worksheets

' Find the last row in column A

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

' Set the headers for column I-L

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

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

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

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

' Loop through each row in column A and copy the value to column I

For i = 2 To lastRow

ws.Cells(i, "I").Value = ws.Cells(i, "A").Value

'remove repeating ticker symbols

Next i

ws.Range("I1:I" & lastRow).RemoveDuplicates Columns:=1, Header:=xlNoY

'YEARLY CHANGE

'open & close price, yearly change, volume count

Dim close\_price, open\_price, yearly\_change, volume\_count As Double

Dim current\_tick As Integer

'assign indexes for column I

current\_tick = 2

volume\_count = 0

'first open price value

open\_price = ws.Cells(2, 3).Value

'loop through each row in colun A and determine if it's a different ticker

For i = 2 To lastRow

volume\_count = volume\_count + Cells(i, 7)

'Check to see if the ticker symbol is different to get the close value “F”

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

close\_price = ws.Cells(i, 6).Value

'calculate yearly change and assign to tick and percent change

ws.Cells(current\_tick, 10).Value = close\_price - open\_price

ws.Cells(current\_tick, 11).Value = ((close\_price - open\_price) / (open\_price)) \* 100

'assign total volume to column L

ws.Cells(current\_tick, 12).Value = volume\_count

'reset volume

volume\_count = 0

'COLOR the percent change column

If ws.Cells(current\_tick, 10).Value < 0 Then

'red if less than 0

ws.Cells(current\_tick, 10).Interior.ColorIndex = 3

'green if greater than 0

Else

ws.Cells(current\_tick, 10).Interior.ColorIndex = 4

End If

'move to next ticker

current\_tick = current\_tick + 1

open\_price = ws.Cells(i + 1, 3).Value

End If

Next i

'NEW TABLE

'make new table

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

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

ws.Cells(2, "O").Value = "Greatest percent increase"

ws.Cells(3, "O").Value = "Greatest percent decrease"

ws.Cells(4, "O").Value = "Greatest total volume"

'initate new variables: percent increase, percent decrease, and greatest total volume

Dim maxValue, minValue, maxTV As Double

Dim maxVtick, minVtick, maxTVtick As Double

'find greatest percent increase

maxValue = Application.Max(ws.Range("K:K"))

ws.Cells(2, "Q").Value = maxValue

'find the ticker symbol that corresponds to the maxValue

maxVtick = Application.Match(maxValue, ws.Range("K:K"), 0)

ws.Cells(2, "P").Value = ws.Cells(maxVtick, "I")

'End If

'Cells(2,"P").Value=TICKER SYMBOL

'find greatest percent decrease

minValue = Application.Min(ws.Range("K:K"))

ws.Cells(3, "Q").Value = minValue

'find the ticker symbol that corresponds to the minValue

minVtick = Application.Match(minValue, ws.Range("K:K"), 0)

ws.Cells(3, "P").Value = ws.Cells(minVtick, "I")

'find greatest total volume

maxTV = Application.Max(ws.Range("L:L"))

ws.Cells(4, "Q").Value = maxTV

'find the ticker symbol that corresponds to the maxTVtick

maxTVtick = Application.Match(maxTV, ws.Range("L:L"), 0)

ws.Cells(4, "P").Value = ws.Cells(maxTVtick, "I")

Next ws

End Sub