Sub tickerdata()

'Variable Declaration'

Dim x As Integer

Dim ws As Worksheet

Dim Ticker\_Name As String

Dim Ticker\_Total, gtotal As LongLong

Dim Table\_Row As Integer

Dim Lastrow As Long

Dim vopen, vclose As Double

Dim gpercent, lpercent As Double

Dim cell As Range, k As Double

'Loop to apply this to all worksheets'

For Each ws In ThisWorkbook.Worksheets()

'Variables being assigned values

Ticker\_Total = 0

Table\_Row = 2

percentg = 0

lpercent = 0

gtotal = 0

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

'Insert Headers

ws.Range("J1").Value = "Ticker"

ws.Range("K1").Value = "Yearly Change"

ws.Range("L1").Value = "Percent Change"

ws.Range("M1").Value = "Total Stock Volume"

ws.Range("O2").Value = "Greatest % Decrease"

ws.Range("O3").Value = "Greatest % Increase"

ws.Range("O4").Value = "Greatest Total Volume"

ws.Range("P1").Value = "Ticker"

ws.Range("Q1").Value = "Value"

vopen = ws.Cells(2, 3).Value

'For loop to check original ticker data'

For i = 2 To Lastrow

'If statement that grabs opening ticker value for the first row of data'

If ws.Cells(i, 1).Value <> ws.Cells(i - 1, 1).Value And i <> 2 Then

vopen = ws.Cells(i, 3).Value

End If

'If statement checking if current row's ticker name is the same as the last ticker name, then outputs total stock value, percent change and yearly change'

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

Ticker\_Name = ws.Cells(i, 1).Value

Ticker\_Total = Ticker\_Total + ws.Cells(i, 7).Value

vclose = ws.Cells(i, 6).Value

ws.Range("J" & Table\_Row).Value = Ticker\_Name

ws.Range("M" & Table\_Row).Value = Ticker\_Total

ws.Range("K" & Table\_Row).Value = (vclose - vopen)

ws.Range("L" & Table\_Row).Value = (((vclose - vopen) / (vopen)))

ws.Range("L" & Table\_Row).Value = Format(ws.Range("L" & Table\_Row).Value, "0.00%")

'If statement that color codes the cells depending on whether percent change was negative or positive'

If (vclose - vopen) < 0 Then

ws.Range("K" & Table\_Row).Interior.ColorIndex = 3

ElseIf (vclose - vopen) > 0 Then

ws.Range("K" & Table\_Row).Interior.ColorIndex = 4

End If

'If statements that compare ticker total, percent change to determine which ticker has the greatest decrease or increase in percentage, and greatest total volume'

If Ticker\_Total > gtotal Then

gtotal = Ticker\_Total

ws.Range("P4").Value = Ticker\_Name

ws.Range("Q4").Value = gtotal

End If

If (((vclose - vopen) / (vopen))) > gpercent Then

gpercent = (((vclose - vopen) / (vopen)))

ws.Range("P3").Value = Ticker\_Name

ws.Range("Q3").Value = gpercent

ws.Range("Q3").Value = Format(ws.Range("Q3").Value, "0.00%")

End If

If lpercent > (((vclose - vopen) / (vopen))) Then

lpercent = (((vclose - vopen) / (vopen)))

ws.Range("P2").Value = Ticker\_Name

ws.Range("Q2").Value = lpercent

ws.Range("Q2").Value = Format(ws.Range("Q2").Value, "0.00%")

End If

'Adding to table row counter to ensure output is inputted into separate rows per ticker, resetting the total volume to zero'

Table\_Row = Table\_Row + 1

Ticker\_Total = 0

'Else statement that adds to the total volume since the ticker name is the same

Else

Ticker\_Total = Ticker\_Total + ws.Cells(i, 7).Value

End If

Next i

Next

End Sub