Sub stock()

' Create variables

Dim ws As Worksheet

Dim ticker As String

Dim volume As String ' As Long is causing runtime overflow errors

Dim open\_price As Double

Dim close\_price As Double

Dim yearly\_change As Double

Dim percent\_change As String 'format function works for strings only

Dim Summary\_Table\_Row As Long

' Asign values to the calculated variables and the starting point of summary table row

yearly\_change = 0

percent\_change = 0

volume = 0

' Setting the headers

For Each ws In Worksheets

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

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

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

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

Summary\_Table\_Row = 2

' Determine the Last Row

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

' Starting the loop

For i = 2 To LastRow

'Dealing with the open\_price, choosing the open row to be used with corresponds to the first time a new ticker starts

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

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

End If

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

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

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

yearly\_change = close\_price - open\_price

percent\_change = yearly\_change / (close\_price + 1)

percent\_change = Format(percent\_change, "Percent")

volume = volume + ws.Cells(i, 7).Value

' Print the variables in the Summary Table

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

ws.Range("j" & Summary\_Table\_Row).Value = yearly\_change

ws.Range("K" & Summary\_Table\_Row).Value = percent\_change

ws.Range("L" & Summary\_Table\_Row).Value = volume

' Add one to the summary table row

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

'Reset the volume

volume = 0

'until the tickers are the same

Else

' add to the volume

volume = volume + ws.Cells(i, 7).Value

End If

Next i

' Creating a loop for interior color for yearly\_change

For c = 2 To LastRow

If ws.Cells(c, 10).Value >= 0 Then

ws.Cells(c, 10).Interior.ColorIndex = 4

ElseIf ws.Cells(c, 10).Value < 0 Then

ws.Cells(c, 10).Interior.ColorIndex = 3

End If

Next c

'move to next worksheet

Next ws

End Sub