Pena\_VBA Code for HmWRK -resubmition

Sub tickertotaler\_moderate()

'define everything

Dim ws As Worksheet

Dim ticker As String

Dim vol As Integer

Dim year\_open As Double

Dim year\_close As Double

Dim yearly\_change As Double

Dim percent\_change As Double

Dim Summary\_Table\_Row As Integer

Dim TotalStock As Double

'this prevents my overflow error

On Error Resume Next

'run through each worksheet

For Each ws In ThisWorkbook.Worksheets

'set headers

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"

'setup integers for loop

Summary\_Table\_Row = 2

'Intializing total stock to 0

TotalStock = 0

'loop

For I = 2 To ws.UsedRange.Rows.Count

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

'find all the values

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

TotalStock = TotalStock + ws.Cells(I, 7).Value

year\_open = ws.Cells(I, 3).Value

year\_close = ws.Cells(I, 6).Value

yearly\_change = year\_close - year\_open

percent\_change = (year\_close - year\_open) / year\_open

'insert values into summary

ws.Cells(Summary\_Table\_Row, 9).Value = ticker

ws.Cells(Summary\_Table\_Row, 10).Value = yearly\_change

ws.Cells(Summary\_Table\_Row, 11).Value = percent\_change

ws.Cells(Summary\_Table\_Row, 12).Value = TotalStock

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

TotalStock = 0

Else

yearly\_change = year\_close - year\_open

TotalStock = TotalStock + ws.Cells(I, 7).Value

End If

'finish loop

Next I

ws.Columns("K").NumberFormat = "0.00%"

'format columns colors

Dim rg As Range

Dim g As Long

Dim c As Long

Dim color\_cell As Range

Set rg = ws.Range("J2", Range("J2").End(xlDown))

c = rg.Cells.Count

For g = 1 To c

Set color\_cell = rg(g)

Select Case color\_cell

Case Is >= 0

With color\_cell

.Interior.Color = vbGreen

End With

Case Is < 0

With color\_cell

.Interior.Color = vbRed

End With

End Select

Next g

'move to next worksheet

Next ws

End Sub