Sub VBA\_Challenge\_Alpha1()

Dim ws As Worksheet

Dim Ticker As String

Ticker = 1

Dim i As Long

i = 0

Dim j As Integer

j = 0

Dim TableRow As Integer

TableRow = 2

Dim YrlyOpen As Double

Dim YrlyClose As Double

Dim YrlyChange As Double

YrlyChange = 0

Dim TotalVolume As Variant

TotalVolume = 0

Dim PercentChange As Double

Dim OpenPrice As Double

Dim ClosePrice As Double

Dim GreatestIncrease As Double

Dim GreatestDecrease As Double

Dim GreatestTotalVolume As Double

For Each ws In ThisWorkbook.Worksheets

' ws.Range("I1").Value = "Ticker"

' ws.Range("J1").Value = "Yearly Change"

' ws.Range("K1").Value = "Percent Change"

' ws.Range("L1").Value = "Total Stock Volume"

'

' ws.Range("O2").Value = "Greatest Percent Increase"

' ws.Range("O3").Value = "Greatest Percent Decrease"

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

'

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

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

'

' ws.Range("I:Q").EntireColumn.AutoFit

'

'''Find each Ticker and it's respective Total Volume

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

For i = 2 To LastRow

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

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

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

ws.Range("I" & TableRow).Value = Ticker

ws.Range("L" & TableRow).Value = TotalVolume

TableRow = TableRow + 1

TotalVolume = 0

Else

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

''Yearly Change Calculations

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

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

YrlyChange = YrlyClose - YrlyOpen

ws.Range("J" & TableRow).Value = YrlyChange

''Find Percent change

If YrlyOpen = 0 And YrlyClose = 0 Then

PercentChange = 0

ElseIf YrlyOpen = 0 And YrlyClose <> 0 Then

PercentChange = -1

Else: PercentChange = (YrlyChange / YrlyOpen)

ws.Range("K" & TableRow).Value = PercentChange

ws.Range("K" & TableRow).NumberFormat = "0.00%"

''Color in Yearly Change

If ws.Range("J" & TableRow).Value >= 0 Then

ws.Range("J" & TableRow).Interior.ColorIndex = 4

Else: ws.Range("J" & TableRow).Interior.ColorIndex = 3

End If

End If

End If

Next i

Next ws

End Sub