VBA Homework Solution

Sub Try()

'' Insterting sources column headers in colums I , J, K,L

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

Range("J1").Value = "Yearly Changed"

Range("K1").Value = "Percentage Changed"

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

For Each ws In Worksheets

ws.Activate

Dim openStock As Double

Dim closeStock As Double

Dim totalStock As Double

totalStock = 0

Dim P\_Cent As Long

Dim ticker As String

Dim outputRow As Double

outputRow = 2

Dim lastRow As Double

'Counting total rows

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

ticker = ws.Cells(2, 1).Value

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

Dim i As Double

i = 2

'Do While i < lastRow + 1

For i = 2 To lastRow

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

totalStock = totalStock + Cells(i, 7).Value

Else

ws.Cells(outputRow, 9).Value = ticker

closeStock = ws.Cells(i - 1, 6).Value

ws.Cells(outputRow, 10).Value = closeStock - openStock

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

ws.Cells(outputRow, 12).Value = totalStock

'ws.Cells(outputRow, 11).Value = Round((closeStock - openStock) / openStock, 2)

If openStock = 0 Then

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

Cells(outputRow, 11).Value = Round((closeStock - openStock) / openStock, 2)

Else

Cells(outputRow, 11).Value = Round((closeStock - openStock) / openStock, 2)

End If

If ws.Cells(outputRow, 11).Value <= 0 Then

Cells(outputRow, 11).Interior.ColorIndex = 3

Else

Cells(outputRow, 11).Interior.ColorIndex = 4

End If

'Reset values

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

totalStock = ws.Cells(i, 7).Value

outputRow = outputRow + 1

End If

' i = i + 1

'Loop

Next i

ws.Cells(outputRow, 9).Value = ticker

ws.Cells(outputRow, 12).Value = totalStock

totalStock = ws.Cells(i, 7).Value

Cells(2, 15).Value = "Greated % Increase"

Cells(3, 15).Value = "Greated % Decrease"

Cells(4, 15).Value = "Greated Toal Volume"

Cells(1, 16).Value = "Ticker"

Cells(1, 17).Value = "Volume"

Dim rng As Range

Dim Sumrange As Range

Dim dblmax As Double

Dim dblmin As Double

Dim Grt\_total As Double

Dim T\_increase As String

Dim T\_Range As Range

Dim T\_decrease As Long

Dim Grt\_vol As String

Set rng = ws.Range("K:K")

Set Sumrange = ws.Range("L:L")

dblmax = Application.WorksheetFunction.Max(rng)

dblmin = Application.WorksheetFunction.Min(rng)

Grt\_total = Application.WorksheetFunction.Max(Sumrange)

Cells(2, 17).Value = dblmax

Cells(3, 17).Value = dblmin

Cells(4, 17).Value = Grt\_total

Dim Mx\_Ticker As String

Dim Mn\_Ticker As String

Dim Great\_total As String

'Set T\_Range = ws.Range("I:K")

'T\_increase = Application.WorksheetFunction.VLookup(ws.Range("Q2").Value, T\_Range, 8, False)

For j = 2 To lastRow

If Cells(j, 11).Value = dblmax Then

Mx\_Ticker = Cells(j, 9).Value

Cells(2, 16).Value = Mx\_Ticker

ElseIf Cells(j, 11).Value = dblmin Then

Mn\_Ticker = Cells(j, 9).Value

Cells(3, 16).Value = Mn\_Ticker

ElseIf Cells(j, 12).Value = Grt\_total Then

Great\_total = Cells(j, 9).Value

Cells(4, 16).Value = Great\_total

End If

Next j

Next ws

End Sub