

Option Explicit

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'*****
' My VBA script file are three:
' Level 1 : Define variables according numeral from 1 and 4 from my readme.
' Level 2 : Include Level 1 and Using conditional formatting according to point 5 of my readme.
' Level 3 : Include Level 1 and 2, additional I determined the stock with the "Greatest % increase", "
Greatest % decrease", and "Greatest total volume".
'*****

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Sub stocks_data():

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' Declare the variables:

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' Declare ticker
    Dim ticker As String

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' Declare Quarterly price open
    Dim ticker_open As Double

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'Declare Quarterly price close
    Dim ticker_close As Double

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' Declare Quarterly change
    Dim price_change As Double

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' Declare total stock volume column G and L
    Dim cell_vol As LongLong
    Dim vol_total As LongLong

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' Declare ercentage change
    Dim percent_change As Double

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' Declare to set up a row to start
    Dim k As Long ' leaderboard row
    k = 2

```

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'Declare variable Worksheet because it helps to execute in my workbook

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' Declare a variable to store the active worksheet
    Dim ws As Worksheet

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'*****

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' Loop in all worksheet

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'*****

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' Loop through each worksheet in the workbook
    For Each ws In ThisWorkbook.Worksheets

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' Insert label of my new Columns

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    ws.Range("I1").Value = "Ticker"
    ws.Range("J1").Value = "Quarterly Change"
    ws.Range("K1").Value = "Percent Change"
    ws.Range("L1").Value = "total stock volume"

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' asked the xpert

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    Dim lastRow As Long
    lastRow = ws.Cells(ws.Rows.Count, 1).End(xlUp).Row
    Dim i As Long ' row number

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' Loop the quarterly change, % change, and total stock volume by each ticker name
    For i = 2 To lastRow

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        ' LOOP rows 2 to 254

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            ' check if the next row's ticker is DIFFERENT from the current one

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            ' if the same, then we only need to add to the vol_total

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            ' if DIFFERENT, then we need add last row, write out to the leaderboard

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            ' reset the vol_total to 0

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

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' Get the Ticker variable

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    ticker = Cells(i, 1).Value

```

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        ' OMG we have a different ticker, panic

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            vol_total = vol_total + cell_vol

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        End If

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```

    Next i

```

```

Next

```

Sheet1 - 2

End Sub

Sub reset()

'Declare variable Worksheet because it helps to execute in my workbook

Dim ws As Worksheet

For Each ws In ThisWorkbook.Worksheets

ws.Range("I:L").Value = ""

ws.Range("I:L").Interior.ColorIndex = 2

ws.Range("O:Q").Value = ""

Next

End Sub