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Sub Stonks()
'Worksheet stuff
Dim ws As Worksheet
For Each ws In ActiveWorkbook.Worksheets
ws.Activate
'Dims
Dim opn As Double
Dim cls As Double
Dim tck As String
Dim yly As Double
Dim pct As Double
Dim vlm As Double
vlm = 0
Dim x As Double
x = 2
Dim y As Integer
y = 1
Dim i As Long
'lastrow
lastrow = Cells(Rows.Count, 1).End(xlUp).Row
'open value
opn = Cells(2, y + 2).Value
'Label columns for results
Range("I1").Value = "Ticker"
Range("J1").Value = "Yearly Change"
Range("K1").Value = "Percent Change"
Range("L1").Value = "Total Stock Volume"
'Loop through all ticker values
For i = 2 To lastrow
'Determine if current row matches next row
If Cells(i + 1, y).Value <> Cells(i, y).Value Then
'identify new ticker value
tck = Cells(i, y).Value
'place ticker value
Cells(x, y + 8).Value = tck
'Identify closing value
cls = Cells(i, y + 5).Value
'calculate yearly change
yly = cls - opn
'place yearly change
Cells(x, y + 9).Value = yly

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'colors
If yly < 0 Then
Cells(x, y + 9).Interior.ColorIndex = 3
Elseif yly > 0 Then
Cells(x, y + 9).Interior.ColorIndex = 4
End If
'Prevent overflow
If (opn = 0 And cls = 0) Then
pct = 0
Elseif (opn = 0 And cls <> 0) Then
pct = 1
Else
'calculate percent changed
pct = yly / opn
'place percent changed
Cells(x, y + 10).Value = pct
'make percent value show as a percentage
Cells(x, y + 10).NumberFormat = "0.00%"
End If
'find volume
vlm = vlm + Cells(i, y + 6).Value
'place volume
Cells(x, y + 11).Value = vlm
'move x to next row
x = x + 1
'reset volume
vlm = 0
'move opn
opn = Cells(i + 1, y + 2)
Else
vlm = vlm + Cells(i, y + 6).Value
End If
Next i

'Create headings
Range("N2").Value = "Greatest % Increase"
gpi = 0
Range("N3").Value = "Greatest % Decrease"
gpd = 0
Range("N4").Value = "Greatest Total Volume"
gtv = 0
Range("O1").Value = "Ticker Symbol"
Range("P1").Value = "Value"

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lastrow2 = Cells(Rows.Count, 11).End(xlUp).Row
'iterate though percentage column
For g = 2 To lastrow2
'Identify if value is greatest in column
If Cells(g, y+10).Value = Application.WorksheetFunction.Max(Range("K2:K" &
lastrow2)) Then
'Place value
Range("O2").Value = Cells(g, y + 10).Value
'Place Ticker Symbol
Range("P2").Value = Cells(g, y + 8).Value
'Make number a percentage
Range("O2").NumberFormat = "0.00%"
'Identify if value is lowest in column
Elseif Cells(g, y+10).Value = Application.WorksheetFunction.Min(Range("K2:K" &
lastrow2)) Then
'Place value
Range("O3").Value = Cells(g, y + 10).Value
'Place Ticker Symbol
Range("P3").Value = Cells(g, y + 8).Value
'Make number a percentage
Range("O3").NumberFormat = "0.00%"
End If
'Identify if value is greatest in column
If Cells(g, 12).Value = Application.WorksheetFunction.Max(Range("L2:L" &
lastrow2)) Then
'Place value
Range("O4").Value = Cells(g, y + 11).Value
'Place Ticker Symbol
Range("P4").Value = Cells(g, y + 8).Value
End If
Next g
Next
End Sub

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