Option Explicit

Sub stocks()

Dim row As Long

Dim ticker As String

Dim openprice As Double

Dim closeprice As Double

Dim changeprice As Double

Dim volume As Double

Dim percentchange As Double

Dim ws As Worksheet

Dim nextrow As Long

For Each ws In Worksheets

row = 2

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

openprice = ws.Cells(row, 3).Value

closeprice = 0

volume = 0

percentchange = 0

Do

'end of current ticker group

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

closeprice = ws.Cells(row, 6).Value

volume = volume + ws.Cells(row, 7).Value

changeprice = closeprice - openprice

If openprice <> 0 Then

percentchange = (closeprice - openprice) / openprice

Else

percentchange = -9999

End If

'write output

nextrow = ws.Cells(Rows.Count, 9).End(xlUp).row

If nextrow = 1 Then

ws.Cells(nextrow, 9).Value = "ticker"

ws.Cells(nextrow, 10).Value = "yearlychange"

ws.Cells(nextrow, 11).Value = "percentchange"

ws.Cells(nextrow, 12).Value = "totalstockvolume"

End If

ws.Cells(nextrow + 1, 9).Value = ticker

ws.Cells(nextrow + 1, 10).Value = changeprice

ws.Cells(nextrow + 1, 11).Value = percentchange

ws.Cells(nextrow + 1, 12).Value = volume

'reset values

ticker = ws.Cells(row + 1, 1).Value

openprice = ws.Cells(row + 1, 3).Value

closeprice = 0

volume = 0

percentchange = 0

Else

volume = volume + ws.Cells(row, 7).Value

End If

If Len(ws.Cells(row + 1, 1).Value) = 0 Then

Exit Do

End If

row = row + 1

Loop

Next ws

row = 2

dataRowEnd = Cells(Rows.Count, "I").End(xlUp).row

For i = dataRowStart To dataRowEnd

If Cells(i, 10).Value > 0 Then

Cells(i, 10).Interior.Color = vbGreen

Else

Cells(i, 10).Interior.Color = vbRed

End If

Next i

For i = dataRowStart To dataRowEnd

If Cells(i, 11).Value > 0 Then

Cells(i, 11).Interior.Color = vbGreen

Else

Cells(i, 11).Interior.Color = vbRed

End If

Next i

End Sub