**VBA scripts for the regular homework and challenges. Does not include coding for run the 3 years with one click (submitted in other file).**

Sub tickerid()

Dim i As Long

Dim j As Integer

j = 2

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

Range("i1").Value = "Ticker"

Range("j1").Value = "Yearly Change"

Range("k1").Value = "Percent Change"

Range("l1").Value = "Total Stock Volume"

innerlaps = lastrow + 3

openprice = Cells(2, 3).Value

amountvol = Cells(2, 7).Value

For i = 3 To innerlaps

If Cells(i - 1, 1) = Cells(i, 1) Then

amountvol = amountvol + Cells(i, 7)

Else: Change = Cells(i - 1, 6) - openprice

Percent = Change / openprice

tickername = Cells(i - 1, 1)

Cells(j, 9) = tickername

Cells(j, 10) = Change

Cells(j, 11) = Percent

Cells(j, 12) = amountvol

j = j + 1

openprice = Cells(i, 3)

amountvol = Cells(i, 7)

End If

If openprice = 0 Then

openprice = 1

End If

Next i

endrow = Cells(Rows.Count, 10).End(xlUp).Row

Range("k2:K" & endrow).NumberFormat = "0.00%"

For i = 2 To endrow

If Cells(i, 10) > 0 Then

Cells(i, 10).Interior.ColorIndex = 43

Else: Cells(i, 10).Interior.ColorIndex = 3

End If

Next i

Range("p1").Value = "Ticker"

Range("q1").Value = "Value"

Range("o2").Value = "Greatest % Increase"

Range("o3").Value = "Greates % Decrease"

Range("o4").Value = "Greatest Total Volume"

Cells(2, 17) = Application.WorksheetFunction.Max(Columns("k"))

Cells(3, 17) = Application.WorksheetFunction.Min(Columns("k"))

Cells(4, 17) = Application.WorksheetFunction.Max(Columns("L"))

Range("Q2:Q3").NumberFormat = "0.00%"

For i = 2 To endrow

If Cells(i, 11) = Cells(2, 17) Then

Cells(2, 16) = Cells(i, 9)

ElseIf Cells(i, 11) = Cells(3, 17) Then

Cells(3, 16) = Cells(i, 9)

ElseIf Cells(i, 12) = Cells(4, 17) Then

Cells(4, 16) = Cells(i, 9)

End If

Next i

End Sub