' Module 2 Challenge

Sub stock\_analysis()

Dim ws As Worksheet

Dim RowCount As Long, s As Long

Dim Total As Double, Start As Long, Change As Double, PercentChange As Double

Dim Open\_Price As Double, Close\_Price As Double

Dim j As Integer

For Each ws In Worksheets

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

ws.Range("J1").Value = "Yearly Change"

ws.Range("K1").Value = "Percent Change"

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

ws.Range("P1").Value = "Ticker"

ws.Range("Q1").Value = "Value"

ws.Range("Q2").Value = "Greatest % Increase"

ws.Range("Q3").Value = "Greatest % Decrease"

ws.Range("Q4").Value = "Greatest Total Volume"

RowCount = ws.Cells(ws.Rows.Count, "A").End(xlUp).Row

Start = 2

Total = 0

j = 2

Open\_Price = ws.Cells(Start, 3).Value

For s = 2 To RowCount

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

Close\_Price = ws.Cells(s, 6).Value

Change = Close\_Price - Open\_Price

Total = Total + ws.Cells(s, 7).Value

ws.Range("I" & j).Value = ws.Cells(s, 1).Value

ws.Range("J" & j).Value = Change

If Open\_Price = 0 Then

ws.Range("K" & j).Value = 0

Else

PercentChange = (Change / Open\_Price)

ws.Range("K" & j).Value = Format(PercentChange, "Percent")

End If

ws.Range("L" & j).Value = Total

' Reset for next ticker

Start = s + 1

Total = 0

Open\_Price = ws.Cells(Start, 3).Value

j = j + 1

Else

Total = Total + ws.Cells(s, 7).Value

End If

Next s

Next ws

End Sub