' Module 2 Challenge

Sub stock\_analysis():

Dim ws As Worksheet

For Each ws In Worksheets

MsgBox (ws.Name)

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 = Cells(Rows.Count, "A").End(x1Up).Row

For s = 2 To RowCount

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

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

If Total = 0 Then

ws.Range("I" & 2 + j).Value = Cells(s, 1).Value

ws.Range("J" & 2 + j).Value = 0

ws.Range("K" & 2 + j).Value = "%" & 0

ws.Range("L" & 2 + j).Value = 0

Else

If ws.Cells(Start, 3) = 0 Then

For find\_value = Start To s

If ws.Cells(find\_value, 3).Value <> 0 Then

Start = find\_value

Exit For

End If

Next find\_value

End If

Change = (ws.Cells(i, 6) - ws.Cells(Start, 3))

PercentChange = Change / ws.Cells(Start, 3)

ws.Range("Q2") = "%" & WorksheetFunction.Max(ws.Range("K2:K" & RowCount)) \* 100

ws.Range("Q3") = "%" & WorksheetFunction.Min(ws.Range("K2:K" & RowCount)) \* 100

ws.Range("Q4") = WorksheetFunction.Max(ws.Range("L2:L" & RowCount))

Greatest\_increase = WorksheetFunction.Match(WorksheetFunction.Max(ws.Range("K2:K" & RowCount)), ws.Range("K2:K" & RowCount), 0)

Greatest\_decrease = WorksheetFunction.Match(WorksheetFunction.Min(ws.Range("K2:K" & RowCount)), ws.Range("K2:K" & RowCount), 0)

total\_volume = WorksheetFunction.Match(WorksheetFunction.Max(ws.Range("L2:L" & RowCount)), ws.Range("L2:L" & RowCount), 0)

ws.Range("P2") = ws.Cells(Greatest\_increase + 1, 9)

ws.Range("P3") = ws.Cells(Greatest\_decrease + 1, 9)

ws.Range("P4") = ws.Cells(total\_volume + 1, 9)

End If

End Sub