Sub stock\_vba()

Dim ticker\_name As String

Dim ticker\_total As Double

Dim value\_table As Integer

Dim quarterly\_change As Double

Dim percent\_change As Double

Dim openprice As Double

Dim closeprice As Double

Dim first\_open\_price As Double

Dim last\_close\_price As Double

Dim greatest\_increase As Double

Dim greatest\_decrease As Double

Dim greatest\_volume As Double

Dim greatest\_increase\_ticker As String

Dim greatest\_decrease\_ticker As String

Dim greatest\_volume\_ticker As String

For Each ws In Worksheets

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

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

ws.Range("J1").Value = "Quarterly 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("O2").Value = "Greatest % Increase"

ws.Range("O3").Value = "Greatest % Decrease"

ws.Range("O4").Value = "Greatest Total Volume"

ticker\_total = 0

value\_table = 2

greatest\_increase = -99999

greatest\_decrease = 99999

greatest\_volume = 0

first\_open\_price = ws.Cells(2, 3).Value

For i = 2 To LastRow

ticker\_total = ticker\_total + ws.Cells(i, 7).Value

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

ticker\_name = ws.Cells(i, 1).Value

last\_close\_price = ws.Cells(i, 6).Value

quarterly\_change = last\_close\_price - first\_open\_price

If first\_open\_price <> 0 Then

percent\_change = (quarterly\_change / first\_open\_price)

Else

percent\_change = 0

End If

ws.Cells(value\_table, 9).Value = ticker\_name

ws.Cells(value\_table, 10).Value = quarterly\_change

ws.Cells(value\_table, 11).Value = percent\_change

ws.Cells(value\_table, 11).NumberFormat = "0.00%"

ws.Cells(value\_table, 12).Value = ticker\_total

ticker\_total = 0

If i + 1 <= LastRow Then

first\_open\_price = ws.Cells(i + 1, 3).Value

End If

If quarterly\_change < 0 Then

ws.Cells(value\_table, 10).Interior.ColorIndex = 3

ElseIf quarterly\_change > 0 Then

ws.Cells(value\_table, 10).Interior.ColorIndex = 4

ElseIf quarterly\_change = 0 Then

ws.Cells(value\_table, 10).Interior.ColorIndex = 2

End If

If percent\_change < 0 Then

ws.Cells(value\_table, 11).Interior.ColorIndex = 3

ElseIf percent\_change > 0 Then

ws.Cells(value\_table, 11).Interior.ColorIndex = 4

ElseIf percent\_change = 0 Then

ws.Cells(value\_table, 11).Interior.ColorIndex = 2

End If

If percent\_change > greatest\_increase Then

greatest\_increase = percent\_change

greatest\_increase\_ticker = ticker\_name

End If

If percent\_change < greatest\_decrease Then

greatest\_decrease = percent\_change

greatest\_decrease\_ticker = ticker\_name

End If

If ws.Cells(value\_table, 12).Value > greatest\_volume Then

greatest\_volume = ws.Cells(value\_table, 12).Value

greatest\_volume\_ticker = ticker\_name

End If

value\_table = value\_table + 1

End If

Next i

ws.Cells(2, 16).Value = greatest\_increase\_ticker

ws.Cells(2, 17).Value = greatest\_increase

ws.Cells(2, 17).NumberFormat = "0.00%"

ws.Cells(3, 16).Value = greatest\_decrease\_ticker

ws.Cells(3, 17).Value = greatest\_decrease

ws.Cells(3, 17).NumberFormat = "0.00%"

ws.Cells(4, 16).Value = greatest\_volume\_ticker

ws.Cells(4, 17).Value = greatest\_volume

Next ws

End Sub