Sub stock\_market\_analysis()

For Each ws In Worksheets

Dim Workshhetnam As String

Dim Ticker As String

Dim Ticker\_Name As String

Dim Percent\_Change As Double

Dim Total\_Stock\_Volume As Double

Dim Yearly\_Change As Double

Dim Summary\_Table\_Row As Double

Dim greatest\_total As Double

Dim greatest\_decrease As Double

Dim greatest\_increase As Double

Dim j As Long

Dim i As Long

worksheetname = ws.Name

ws.Cells(1, "J").Value = "Ticker"

ws.Cells(1, "K").Value = "Yearly Change"

ws.Cells(1, "L").Value = "Percent Change"

ws.Cells(1, "M").Value = "Total Stock Volume"

Summary\_Table\_Row = 2

j = 2

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

For i = 2 To LastRow

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

Ticker\_Name = ws.Cells(i, 1).Value

ws.Range("J" & Summary\_Table\_Row).Value = Ticker\_Name

Total\_Stock\_Volume = Total\_Stock\_Volume + ws.Cells(i, "G").Value

ws.Range("M" & Summary\_Table\_Row).Value = Total\_Stock\_Volume

Summary\_Table\_Row = Summary\_Table\_Row + 1

Total\_Stock\_Volume = 0

Else

Total\_Stock\_Volume = Total\_Stock\_Volume + ws.Cells(i, "G").Value

End If

Next i

Summary\_Table\_Row = 2

j = 2

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

For i = 2 To LastRow

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

Yearly\_Change = ws.Cells(i, 6).Value - ws.Cells(j, 3).Value

ws.Range("K" & Summary\_Table\_Row).Value = Yearly\_Change

Percent\_Change = ((ws.Cells(i, 6).Value - ws.Cells(j, 3).Value) / ws.Cells(j, 3).Value)

ws.Range("L" & Summary\_Table\_Row).Value = Percent\_Change

ws.Range("L" & Summary\_Table\_Row).NumberFormat = "0.00%"

Summary\_Table\_Row = Summary\_Table\_Row + 1

j = i + 1

End If

Next i

Summary\_Table\_Row = 2

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

For i = 2 To LastRow

If ws.Cells(i, "K").Value > 0 Then

ws.Cells(i, "K").Interior.ColorIndex = 4

Else

ws.Cells(i, "K").Interior.ColorIndex = 3

End If

Next i

ws.Cells(2, "P").Value = "Greatest % increase"

ws.Cells(3, "P").Value = "Greatest % decrease"

ws.Cells(4, "P").Value = "Greatest total volume"

ws.Cells(1, "Q").Value = "ticker"

ws.Cells(1, "R").Value = "value"

LastRowJ = Cells(Rows.Count, "J").End(xlUp).Row

For i = 2 To LastRow

If ws.Cells(i, "L").Value > greatest\_increase Then

greatest\_increase = ws.Cells(i, "L").Value

ws.Cells(2, "Q").Value = ws.Cells(i, "J").Value

Else

greatest\_increase = greatest\_increase

End If

If ws.Cells(i, "L").Value < greatest\_decrease Then

greatest\_decrease = ws.Cells(i, "L").Value

ws.Cells(3, "Q").Value = ws.Cells(i, "J").Value

Else

greatest\_decrease = greatest\_decrease

End If

If ws.Cells(i, "M").Value > greatest\_total Then

greatest\_total = ws.Cells(i, "M").Value

ws.Cells(4, "Q").Value = ws.Cells(i, "J").Value

Else

greatest\_total = greatest\_total

End If

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

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

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

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

ws.Cells(4, "R").Value = greatest\_total

ws.Cells(4, "R").NumberFormat = "0"

Next i

Next ws

End Sub