Sub stock()

For Each ws In Worksheet 'column inserts and formats

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

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

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

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

ws.Range("O2") = "Greatest % Increase"

ws.Range("o3") = "Greatest % Decrease"

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

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

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

ws.Range("i1:L1").Font.Bold = True

ws.Range("j:j").NumberFormat = "$###0.00"

ws.Range("k:K").NumberFormat = "##0.00%"

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

Dim lastrow As Long

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

Dim openprice As Double

Dim closeprice As Double

Dim percentage\_chg As Double

Dim ticker\_row As Long

ticker\_row = 1

'need to create loop for ticker

For stock\_row = 2 To lastrow

Dim ticker As String

Dim stockchg As Double

Dim date1 As Long

Dim date2 As Long

Dim Stock\_total As LongLong

openprice = ws.Cells(stock\_row, 3).Value

closeprice = ws.Cells(stock\_row + 250, 6).Value

percentage\_chg = (closeprice - openprice) / openprice

date1 = ws.Range("b2")

date2 = ws.Range("B252")

Stock\_total = WorksheetFunction.Sum(ws.Range(ws.Cells(stock\_row, 7), ws.Cells(stock\_row + 250, 7)))

If ws.Cells(stock\_row + 1, 1) <> ws.Cells(stock\_row, 1) Then

ticker\_row = ticker\_row + 1

ticker = ws.Cells(stock\_row, 1)

ws.Cells(ticker\_row, 9) = ticker

End If

'calculate yearly change and percentage change

If ws.Cells(stock\_row, 2) = date1 And ws.Cells(stock\_row + 250, 2) = date2 Then

ws.Cells(ticker\_row + 1, 10) = closeprice - openprice

If ws.Cells(ticker\_row + 1, 10) < 0 Then

ws.Cells(ticker\_row + 1, 10).Interior.ColorIndex = 3

Else

ws.Cells(ticker\_row + 1, 10).Interior.ColorIndex = 4

End If

ws.Cells(ticker\_row + 1, 11) = percentage\_chg

If ws.Cells(ticker\_row + 1, 11) < 0 Then

ws.Cells(ticker\_row + 1, 11).Interior.ColorIndex = 3

Else

ws.Cells(ticker\_row + 1, 11).Interior.ColorIndex = 4

End If

ws.Cells(ticker\_row + 1, 12) = Stock\_total

Dim max\_increase As Double

max\_increase = Application.WorksheetFunction.Max(ws.Range("K2:K3001"))

ws.Range("Q2") = max\_increase

If ws.Range("Q2") = Cells(ticker\_row + 1, 11) Then

ws.Range("P2") = Cells(ticker\_row + 1, 9)

End If

Dim min\_decrease As Double

min\_decrease = Application.WorksheetFunction.Min(ws.Range("K2:K3001"))

ws.Range("Q3") = min\_decrease

If ws.Range("Q3") = ws.Cells(ticker\_row + 1, 11) Then

ws.Range("P3") = ws.Cells(ticker\_row + 1, 9)

End If

Dim Total\_Volume As LongLong

Total\_Volume = Application.WorksheetFunction.Max(ws.Range("L2:L3001"))

ws.Range("Q4") = Total\_Volume

If ws.Range("Q4") = ws.Cells(ticker\_row + 1, 12) Then

ws.Range("P4") = ws.Cells(ticker\_row + 1, 9)

End If

End If

Next stock\_row

Next ws

End Sub