Sub StockSheets()

'Declare worksheet variable to loop through the 3 Stocksheets

Dim ws As Worksheet

' Insert report file and column header text

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

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

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

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

Range("O1").Value = "Ticker"

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

Range("N2").Value = "Greatest % Increase"

Range("N3").Value = "Greatest % Decrease"

Range("N4").Value = "Greatest Total Value"

'Count the number of total rows

Dim rowcount As Double

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

'Copy first ticker to table

Cells(2, 9).Value = Cells(2, 1).Value

tickerrow = 2

'Declare variables to calculate yearly change and put the initial value for openprice

Dim Openprice, closeprice, yearlychange As Double

Openprice = [C2]

'Declare variable to calculate percentchange,Total volume and set initial value to 0

Dim percentchange As Double

Dim totalstockvalue As LongLong

totalstockvalue = 0

'Copy first ticker to table

Cells(2, 9).Value = Cells(2, 1).Value

tickerrow = 2

'Loop through all tickers

For I = 2 To (rowcount)

'Add Rows Volume to TotalStockValue

totalstockvalue = totalstockvalue + Cells(I, 7).Value

'Check for new ticker to copy to table

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

'Print totalstockvalue to table

Cells(tickerrow, 12) = totalstockvalue

'Reset totalstockvalue to 0

totalstockvalue = 0

'Create variable and store the new ticker

Dim ticker As String

ticker = Cells(I, 1).Value

'Print new ticker to table

Range("I" & tickerrow).Value = ticker

'Store closing price

closeprice = Cells(I, 6).Value

'Calculate yearly change and print to table

yearlychange = closeprice - Openprice

Cells(tickerrow, 10).Value = yearlychange

'Calculate percent change and print to table

If Openprice = 0 Then

Cells(tickerrow, 11).Value = "NA"

Else

percentchange = (closeprice - Openprice) / Openprice

Cells(tickerrow, 11).Value = percentchange

End If

'Reset open price value for next ticker

Openprice = Cells(I + 1, 3).Value

'Add one to tickerrow

tickerrow = tickerrow + 1

'If ticker is same as previous row

Else

End If

Next I

'Count number of rows in table

Dim tablerowcount As Integer

tablerowcount = Cells(Rows.Count, "I").End(xlUp).Row

'Format Column K as percent with 2 digits

Range("K2:K" & tablerowcount).NumberFormat = "0.00%"

'Add conditional formatting to Column J, yearly change

For J = 1 To tablerowcount

If Cells(J, 10).Value < 0 Then

Cells(J, 10).Interior.ColorIndex = 3

Else: Cells(J, 10).Interior.ColorIndex = 4

End If

Next J

'Declare variables and create For loop to determine row with greatest % increase

Dim maxpercent As Double

Dim maxticker As String

maxpercent = 0.001

For K = 2 To tablerowcount

If (Cells(K, 11).Value <> "NA") Then

If (Cells(K, 11).Value > maxpercent) Then

maxpercent = Cells(K, 11).Value

maxticker = Cells(K, 9).Value

End If

ElseIf (Cells(K, 11).Value = "NA") Then

End If

Next K

'Print values to table for greatest % increase

[O2] = maxticker

[P2] = maxpercent

'Declare variables and create For loop to determine row with greatest % increase

Dim minpercent As Double

Dim minticker As String

minpercent = 0

For M = 2 To tablerowcount

If (Cells(M, 11).Value < minpercent) Then

minpercent = Cells(M, 11).Value

minticker = Cells(M, 9).Value

End If

Next M

'Print values to table for greatest % increase

[O3] = minticker

[P3] = minpercent

'Declare variables and create For loop to determine stock with greatest total volume

Dim maxvolume As LongLong

Dim maxvolticker As String

maxvolume = 1

For N = 2 To tablerowcount

If (Cells(N, 12).Value > maxvolume) Then

maxvolume = Cells(N, 12).Value

maxvolumeticker = Cells(N, 9).Value

End If

Next N

'Print values to table for greatest total volume

[O4] = maxvolticker

[P4] = maxvolume

'Add functionality to the last part of the table

Range("P2:P3").NumberFormat = "0.00%"

Range("P4").NumberFormat = "###,###,###,#00"

End Sub