Sub Final()

'modify in to loop through all worksheets in the workbook

Dim ws As Worksheet

'for loop through worksheets

For Each ws In Worksheets

'set up headers for new table's and format % for needed columns

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

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

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

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

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

ws.Range("P2").NumberFormat = "0.00%"

ws.Range("P3").NumberFormat = "0.00%"

ws.Columns("K").NumberFormat = "0.00%"

'establish variables

Dim ticker As String

Dim yearly\_change As Double

Dim percent\_change As Double

Dim total\_volume As Double

total\_volume = 0

Dim resultsTable As Integer

resultsTable = 2

'find last row of data

Dim i As Long

Dim LastRow As Long

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

'run loop to place ticker values and corresponding yearly change,% change, and total volumes

For i = 2 To LastRow

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

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

total\_volume = total\_volume + ws.Cells(i, 7).Value

ws.Range("I" & resultsTable).Value = ticker

ws.Range("L" & resultsTable).Value = total\_volume

total\_volume = 0

yearly\_change = ws.Cells(i, 6).Value - ws.Cells(i, 3).Value

ws.Range("J" & resultsTable).Value = yearly\_change

yearly\_change = 0

percent\_change = ((ws.Cells(i, 6).Value - Cells(i, 3).Value) / 1) \* 100

ws.Range("K" & resultsTable).Value = percent\_change

percent\_change = 0

resultsTable = resultsTable + 1

Else

total\_volume = total\_volume + ws.Cells(i, 7).Value

yearly\_change = yearly\_change + ws.Cells(i, 6).Value

End If

Next

'create new loop iteration and find new last row in output table

Dim x As Long

Dim FormatLR As Long

FormatLR = ws.Cells(Rows.Count, 10).End(xlUp).Row

'run for loop to color corresponding positive or negative change

For x = 2 To FormatLR

If ws.Cells(x, 10).Value < 0 Then

ws.Cells(x, 10).Interior.ColorIndex = 3

ElseIf ws.Cells(x, 10).Value >= 0 Then

ws.Cells(x, 10).Interior.ColorIndex = 4

End If

Next

'now make 2nd output table, find max/minimum values in columns of first output table

ws.Cells(2, 16).Value = WorksheetFunction.Max(Columns(11))

ws.Cells(3, 16).Value = WorksheetFunction.Min(Columns(11))

ws.Cells(4, 16).Value = WorksheetFunction.Max(Columns(12))

'loop to find max/min and place corresponding ticker, repeat for each value

For x = 2 To FormatLR

If ws.Cells(x, 11).Value = ws.Cells(2, 16).Value Then

ws.Cells(2, 15).Value = ws.Cells(x, 9).Value

End If

Next

For x = 2 To FormatLR

If ws.Cells(x, 11).Value = ws.Cells(3, 16).Value Then

ws.Cells(3, 15).Value = ws.Cells(x, 9).Value

End If

Next

For x = 2 To FormatLR

If ws.Cells(x, 12).Value = ws.Cells(4, 16).Value Then

ws.Cells(4, 15).Value = ws.Cells(x, 9).Value

End If

Next

Next ws

End Sub