Sub stocks():

'Variables to be used

Dim Ticker As String

Dim Total\_Stock\_Volume As Double

Dim Yearly\_Change As Double

Dim Percent\_Change As Double

Dim Greatest\_Perc\_Increase As Double

Dim Greatest\_Perc\_Decrease As Double

Dim Greatest\_Total\_Volume As Double

Dim Summary\_Table\_Row As Integer

Dim initial, final As Double

'To loop through each worksheet

For Each ws In Worksheets

Summary\_Table\_Row = 2

Total\_Stock\_Volume = 0

'Go through each row in the column until the last row with a value

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

'Day the stock opened

initial = ws.Cells(2, 3)

For i = 2 To LastRow

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

Ticker = ws.Cells(i, 1)

Total\_Stock\_Volume = Total\_Stock\_Volume + ws.Cells(i, 7)

'Day the stock closed

final = ws.Cells(i, 6)

'Yearly Percent change

Yearly\_Change = final - initial

ws.Columns("J").NumberFormat = "0.000000000"

If initial = 0 Then

Percent\_Change = 0

Else

Percent\_Change = Yearly\_Change / initial \* 100

End If

'Name the columns I - L

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

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

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

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

Total\_Stock\_Volume = 0

final = ws.Cells(i + 1, 3)

'Conditional formatting that will the cell colorin green for a positive value and red for a negative value

If ws.Range("J" & Summary\_Table\_Row).Value >= 0 Then

ws.Range("J" & Summary\_Table\_Row).Interior.ColorIndex = 4

Else

ws.Range("J" & Summary\_Table\_Row).Interior.ColorIndex = 3

End If

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

Else

Total\_Stock\_Volume = Total\_Stock\_Volume + ws.Cells(i, 7)

End If

Next i

'naming summary tables

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

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

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

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

ws.Range("L1") = "Total Stock Vol ume"

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

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

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

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

Next ws

End Sub

Sub stocks\_Best():

'variables to be used

Dim max1, max2, min1 As Double

Dim rng1 As Range

Dim rng As Range

Dim FndRng As Range

Dim i, LastRow As Integer

Dim ticker\_min, ticker\_max, ticker\_total As String

'loop through each worksheet

For Each ws In Worksheets

'Maximum stock

Set rng = ws.Columns(11)

max1 = ws.Application.Max(rng)

ws.Range("Q2") = max1

'Minimum stock

min1 = ws.Application.Min(rng)

ws.Range("Q3") = min1

'total volume

Set rng1 = ws.Columns(12)

max2 = ws.Application.Max(rng1)

ws.Range("Q4") = max2

LastRow = ws.Cells(Rows.Count, 11).End(xlUp).Row

For i = 2 To LastRow

If ws.Cells(i, 11) = min1 Then

ticker\_min = ws.Cells(i, 9)

End If

If ws.Cells(i, 11) = max1 Then

ticker\_max = ws.Cells(i, 9)

End If

If ws.Cells(i, 12) = max2 Then

ticker\_total = ws.Cells(i, 9)

End If

Next i

ws.Range("P3") = ticker\_min

ws.Range("P2") = ticker\_max

ws.Range("P4") = ticker\_max

Next ws

End Sub

Sub Clear\_Multiple\_year\_stock\_data():

For Each ws In Worksheets

ws.Range("I:Q").Clear

Next ws

End Sub

Sub percentages():

For Each ws In Worksheets

'Greatest percentage in decrease, increase, and total volume

LastRow = ws.Cells(Rows.Count, 11).End(xlUp).Row

' Start Loop For Final Results

For i = 2 To LastRow

If ws.Range("K" & i).Value > ws.Range("Q2").Value Then

ws.Range("Q2").Value = ws.Range("K" & i).Value

ws.Range("P2").Value = ws.Range("I" & i).Value

End If

If ws.Range("K" & i).Value < ws.Range("Q3").Value Then

ws.Range("Q3").Value = ws.Range("K" & i).Value

ws.Range("P3").Value = ws.Range("I" & i).Value

End If

If ws.Range("L" & i).Value > ws.Range("Q4").Value Then

ws.Range("Q4").Value = ws.Range("L" & i).Value

ws.Range("P4").Value = ws.Range("I" & i).Value

End If

Next i

'Format the numbers to percentage and two decimal points

ws.Range("Q2").NumberFormat = "0.00%"

ws.Range("Q3").NumberFormat = "0.00%"

'Auto fit the columns

ws.Columns("I:Q").AutoFit

Next ws

End Sub