Sub Alphabet\_testing()

'loop through all workbooks

For Each wb In Worksheets

'Label Colums

wb.Cells(1, 9).Value = "Ticker"

wb.Cells(1, 10).Value = "Yearly Price Change"

wb.Cells(1, 11).Value = " yearly Percent Change"

wb.Cells(1, 12).Value = "Total Stock Volume"

'Define and Assign Variables

Dim numrows As Long

numrows = Range("A1", Range("A1").End(xlDown)).Rows.Count

Dim ticker\_name As String

Dim Opening\_price As Double

Opening\_price = 0

Dim Closing\_price As Double

Closing\_price = 0

Dim Yearly\_price\_change As Double

Yearly\_price\_change = 0

Dim Yearly\_Percent\_change As Double

Yearly\_Percent\_change = 0

Dim total\_stock\_volume As LongLong

total\_stock\_volume = 0

Dim max\_ticker\_name As String

Dim max\_percent As Double

max\_percent = 0

Dim min\_ticker\_name As String

Dim min\_percent As Double

min\_percent = 0

Dim max\_total\_volume\_ticker\_name As String

Dim max\_total\_volume As Double

max\_total\_volume = 0

'Set location for variables

Dim Table\_Row As Long

Table\_Row = 2

Opening\_price = wb.Cells(2, 3).Value

'Create loop

For i = 2 To numrows

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

'assign ticker to value

ticker\_name = wb.Cells(i, 1).Value

'display ticker name

wb.Cells(Table\_Row, 9).Value = ticker\_name

'Assign closing price

Closing\_price = wb.Cells(i, 6).Value

'Calculate yearly price change

Yearly\_price\_change = Closing\_price - Opening\_price

'Display yearly price change

wb.Cells(Table\_Row, 10).Value = Yearly\_price\_change

'Add Color to yearly price change

If wb.Cells(Table\_Row, 10).Value > 0 Then

wb.Cells(Table\_Row, 10).Interior.Color = vbGreen

ElseIf wb.Cells(Table\_Row, 10).Value < 0 Then

wb.Cells(Table\_Row, 10).Interior.Color = vbRed

Else

wb.Cells(Table\_Row, 10).Interior.Color = vbWhite

End If

'assign and calculate yearly percent change

If Opening\_price <> 0 Then

Yearly\_Percent\_change = (Yearly\_price\_change / Opening\_price) \* 100

End If

'Display yearly percent change

wb.Cells(Table\_Row, 11).Value = Yearly\_Percent\_change

'format yearly percent change as percentage

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

'Display total\_stock\_volume

wb.Cells((Table\_Row), 12).Value = total\_stock\_volume

'Reset total stock volume to 0

total\_stock\_volume = 0

'add 1 to rowcounter

Table\_Row = Table\_Row + 1

'get new opening price

Opening\_price = wb.Cells((i + 1), 3).Value

Else

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

End If

'Greatest % increase

If Yearly\_Percent\_change > max\_percent Then

max\_percent = Yearly\_Percent\_change

max\_ticker\_name = ticker\_name

'Greatest % decrease

ElseIf Yearly\_Percent\_change < min\_percent Then

min\_percent = Yearly\_Percent\_change

min\_ticker\_name = ticker\_name

End If

'Greatest Total Volume

If total\_stock\_volume > max\_total\_volume Then

max\_total\_volume = total\_stock\_volume

max\_total\_volume\_ticker\_name = ticker\_name

End If

Next i

'Display % increase, %decrease, and gratest total volume

wb.Cells(2, 15).Value = "Greatest % increase"

wb.Cells(3, 15).Value = "Greatest % decrease"

wb.Cells(4, 15).Value = "Greatest Total Volume"

wb.Cells(1, 16).Value = "Ticker"

wb.Cells(1, 17).Value = "Value"

wb.Cells(2, 16).Value = max\_ticker\_name

wb.Cells(3, 16).Value = min\_ticker\_name

wb.Cells(4, 16).Value = max\_total\_volume\_ticker\_name

wb.Cells(2, 17).Value = (max\_percent)

wb.Cells(3, 17).Value = (min\_percent & "%")

wb.Cells(4, 17).Value = max\_total\_volume

Next wb

End Sub