Sub Alphabetical\_Symbol()

'define the variables

Dim TickerSymbol As String

Dim Yearly\_Open As Double

Dim Yearly\_Close As Double

Dim Yearly\_Change As Double

Dim Total\_Volume As Double

Dim Ticker\_Counter As Double

Total\_Volume = 0

'keep track of rows

Ticker\_Counter = 2#

Ticker\_Open\_Close\_Counter = 2

'set up the counters

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

'create column headers

Range("J1").Value = "Ticker"

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

Range("L1").Value = "Percent Change"

Range("M1").Value = "Total Stock Volume"

'determine what the last row is

Dim lastrow As Double

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

For i = 2 To lastrow

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

Ticker = Cells(i, 1).Value

Yearly\_Open = Cells(Ticker\_Open\_Close\_Counter, 3)

'if there is no opening cost, skip that row

If (Cells(i, 3).Value = 0) Then

'cell with ticker symbol doesn't have data, set the symbol

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

Yearly\_Close = Cells(i, 6)

Cells(Ticker\_Counter, 9).Value = Ticker

Cells(Ticker\_Counter, 10).Value = Yearly\_Close - Yearly\_Open

End If

'set value to null to avoid divide by zero

If Yearly\_Open = 0 Then

Cells(Ticker\_Counter, 11).Value = Null

Else

Cells(Ticker\_Counter, 11).Value = (Yearly\_Close - Yearly\_Open) / Yearly\_Open

End If

Cells(Ticker\_Counter, 12).Value = Total\_Volume

'determine the symbol for the ticker variable

TickerSymbol = Cells(i, 1).Value

'determine if the next cell is equal to the preceding cell, add the volume as total volume

ElseIf (Cells(i + 1, 1).Value = Cells(i, 1).Value) Then

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

End If

'if the last cell doesn't equal the preceding cell, set Yearly Open

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

Yearly\_Open = Cells(i, 3).Value

Else

'determine the symbol for the ticker variable

TickerSymbol = Cells(i, 1).Value

'add to the total volume

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

'determine the Yearly Close

Yearly\_Close = Cells(i, 6).Value

'print out the symbol and total volume into the Summary Table

Cells(Summary\_Table\_Row, 10).Value = TickerSymbol

Cells(Summary\_Table\_Row, 11).Value = Total\_Volume

End If

'make sure that we avoid dividing by zero

If (Total\_Volume > 0) Then

'print out the yearly change into the Summary Table

Cells(Summary\_Table\_Row, 12).Value = Yearly\_Close - Yearly\_Open

End If

'change the color of the cell to green if >0, otherwise change to red

If Cells(Summary\_Table\_Row, 12).Value > 0 Then

Cells(Summary\_Table\_Row, 12).Interior.ColorIndex = 4

Else

Cells(Summary\_Table\_Row, 12).Interior.ColorIndex = 3

End If

'determine and print the % change in Summary Row Table

Cells(Summary\_Table\_Row, 13).Value = Cells(Summary\_Table\_Row, 12).Value / Yearly\_Open

'change the cell format to percentage

Cells(Summary\_Table\_Row, 13).NumberFormat = "0.00%"

'be able to reset the total volume

TotalVolume = 0

Ticker\_Counter = Ticker\_Counter + 1

'start the next summary row

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

Next i

End Sub