Sub Stock\_Summary()

Dim ticker\_symbol As String

Dim ticker() As String

Dim total\_volume As Double

Dim lastRow As Long

Dim lastColumn As Long

Dim stockopen As Double, stockclose As Double, Percent\_Change As Double, Yearly\_Change As Double, high As Double, low As Double, vol As Double, yearopen() As Double, yearclose() As Double, Sum() As Double

lastRow = Rows.End(xlDown).Row

lastColumn = Columns.End(xlToRight).Column

counter\_one = 0

counter\_two = 0

counter\_three = 0

counter\_four = 0

If Cells(1, lastColumn + 2).Value <> "Ticker" Then

Cells(1, lastColumn + 2).Value = "Ticker"

Cells(1, lastColumn + 3).Value = "Yearly Change"

Cells(1, lastColumn + 4).Value = "Percent Change"

Cells(1, lastColumn + 5).Value = "Total Stock Volume"

Else

MsgBox ("Headers added")

End If

For i = 2 To lastRow

ticker\_symbol = Cells(i, 1).Value

stockopen = Cells(i, 3).Value

stockclose = Cells(i, 6).Value

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

ReDim Preserve ticker(counter\_one)

ReDim Preserve yearclose(counter\_one)

ticker(counter\_one) = ticker\_symbol

yearclose(counter\_one) = stockclose

counter\_one = counter\_one + 1

End If

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

ReDim Preserve yearopen(counter\_two)

yearopen(counter\_two) = stockopen

counter\_two = counter\_two + 1

End If

Next i

a = 2

For j = 2 To counter\_one + 1

total\_volume = 0

Do While Cells(a, 1) = ticker(j - 2)

vol = Cells(a, 7).Value

a = a + 1

total\_volume = total\_volume + vol

Loop

ReDim Preserve Sum(counter\_three)

Sum(counter\_three) = total\_volume

counter\_three = counter\_three + 1

Next j

For b = 2 To counter\_one + 1

Yearly\_Change = yearclose(counter\_four) - yearopen(counter\_four)

If yearopen(counter\_four) <> 0 Then

Percent\_Change = yearclose(counter\_four) / yearopen(counter\_four) - 1

Else

Percent\_Change = 0

End If

Cells(b, lastColumn + 2).Value = ticker(counter\_four)

Cells(b, lastColumn + 3).Value = Yearly\_Change

Cells(b, lastColumn + 4).Value = Percent\_Change

Cells(b, lastColumn + 5).Value = Sum(counter\_four)

If Yearly\_Change > 0 Then

Cells(b, lastColumn + 3).Interior.Color = RGB(0, 250, 0)

ElseIf Yearly\_Change = 0 Then

Cells(b, lastColumn + 3).Interior.Color = RGB(255, 255, 255)

Else

Cells(b, lastColumn + 3).Interior.Color = RGB(250, 0, 0)

End If

Cells(b, lastColumn + 3).NumberFormat = "0.00"

Cells(b, lastColumn + 4).NumberFormat = "0.00%"

counter\_four = counter\_four + 1

Next b

End Sub