Sub stockbasic()

Dim Ticker1 As String

Dim Yearly\_Change1 As Double

Dim year\_open1 As Double

Dim year\_close1 As Double

Dim percent\_change1 As Double

Dim Vol\_Total As Double

Dim total\_data As Range

Dim ticker\_data As Range

Set total\_data = Worksheets("2016").Range("A:G")

Set ticker\_data = Worksheets("2016").Range("A:A")

total\_data.Sort key1:=ticker\_data, order1:=xlAscending, Header:=xlYes

Worksheets("2016").Cells(1, 1).Select

Vol\_Total = 0

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

'fla=0

Range("N" & Summary\_Table\_Row).Value = Worksheets("2016").Cells(2, 3).Value

For i = 2 To 797710

If Worksheets("2016").Cells(i + 1, 1).Value <> Worksheets("2016").Cells(i, 1).Value Then

Ticker1 = Worksheets("2016").Cells(i, 1).Value

Vol\_Total = Vol\_Total + Worksheets("2016").Cells(i, 7).Value

'if state for 0

Range("N" & Summary\_Table\_Row + 1).Value = Worksheets("2016").Cells(i + 1, 3).Value

Range("O" & Summary\_Table\_Row).Value = Worksheets("2016").Cells(i, 6).Value

Yearly\_Change1 = Range("O" & Summary\_Table\_Row).Value - Range("N" & Summary\_Table\_Row).Value

percent\_change1 = Yearly\_Change1 / Range("N" & Summary\_Table\_Row).Value

Range("I" & Summary\_Table\_Row).Value = Ticker1

Range("J" & Summary\_Table\_Row).Value = Yearly\_Change1

Range("k" & Summary\_Table\_Row).Value = percent\_change1

Range("L" & Summary\_Table\_Row).Value = Vol\_Total

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

Vol\_Total = 0

Else

Vol\_Total = Vol\_Total + Worksheets("2016").Cells(i, 7).Value

End If

Next i

Worksheets("2016").Columns("K").NumberFormat = "0.00%"

Dim g As Range

Set g = Worksheets("2016").Range("J2:J3168")

For Each cell In g

If cell.Value < 0 Then

cell.Interior.ColorIndex = 3

Else

cell.Interior.ColorIndex = 4

End If

Next

max\_num1 = WorksheetFunction.Max(Worksheets("2016").Range("K2:K3168"))

max\_ticker1 = WorksheetFunction.Match(max\_num1, Worksheets("2016").Range("K2:K3168"), 0)

Worksheets("2016").Cells(2, 17).Value = Worksheets("2016").Cells(max\_ticker1 + 1, 9)

Worksheets("2016").Cells(2, 18).Value = max\_num1

'max volume

max\_num2 = WorksheetFunction.Max(Worksheets("2016").Range("L2:L3168"))

max\_ticker2 = WorksheetFunction.Match(max\_num2, Worksheets("2016").Range("L2:L3168"), 0)

Worksheets("2016").Cells(4, 17).Value = Worksheets("2016").Cells(max\_ticker2 + 1, 9)

Worksheets("2016").Cells(4, 18).Value = max\_num2

'Min % change

Min\_num3 = WorksheetFunction.Min(Worksheets("2016").Range("K2:K3168"))

Min\_ticker3 = WorksheetFunction.Match(Min\_num1, Worksheets("2016").Range("K2:K3168"), 0)

Worksheets("2016").Cells(3, 17).Value = Worksheets("2016").Cells(Min\_ticker3 + 1, 9)

Worksheets("2016").Cells(3, 18).Value = Min\_num3

End Sub