Sub Alphabetical\_testing()

'set the ticket name in column i to l(column 9 to 12)

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

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

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

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

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

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

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

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

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

'populate Ticker in column i( column 9) and Total in column l ( column12)

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

Dim ccticker As String

Dim ccTotal As Double

ccTotal = 0

Dim ccOpen As Double

Dim ccClose As Double

Dim ccYearlyChange As Double

Dim ccPercentChange As Double

Dim greatestTotalValueTicker As String

Dim greatestTotalValue As Double

Dim greatestIncreaseTicker As String

Dim greatestIncreaseValue As Double

Dim greatestDecreaseTicker As String

Dim greatestDecreaseValue As Double

Dim ccRows As Integer

ccRows = 2

Dim row As Integer

'get the first open

ccOpen = Cells(2, 3).Value

For row = 2 To LastRow

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

'get the first close and loop the rest open and close

ccClose = Cells(row, 6).Value

ccYearlyChange = ccClose - ccOpen

Cells(ccRows, 10).Value = ccYearlyChange

'calculate and print the percent change

ccPercentChange = ccYearlyChange / ccOpen

'print percent change with % sign

Cells(ccRows, 11).Value = FormatPercent(ccPercentChange)

'identify next open

ccOpen = Cells(row + 1, 3).Value

'identify and print ticker name and total amount

ccName = Cells(row, 1).Value

ccTotal = ccTotal + Cells(row, 7).Value

Cells(ccRows, 9).Value = ccName

Cells(ccRows, 12).Value = ccTotal

ccRows = ccRows + 1

ccTotal = 0

Else

ccTotal = ccTotal + Cells(row, 7).Value

End If

Next row

'calculate greatest increase & decrease & total volume value in column O to Q

LastR = Cells(Rows.Count, 9).End(xlUp).row

Dim r As Integer

For r = 2 To LastR

If greatestIncreaseValue < Cells(r, 11).Value Then

greatestIncreaseValue = Cells(r, 11).Value

greatestIncreaseTicker = Cells(r, 9).Value

End If

If greatestDecreaseValue > Cells(r, 11).Value Then

greatestDecreaseValue = Cells(r, 11).Value

greatestDecreaseTicker = Cells(r, 9).Value

End If

If greatestTotalValue < Cells(r, 12).Value Then

greatestTotalValue = Cells(r, 12).Value

greatestTotalValueTicker = Cells(r, 9).Value

End If

'change color in column J ( yearly change)

If Cells(r, 10).Value > 0 Then

Cells(r, 10).Interior.ColorIndex = 4

Else

Cells(r, 10).Interior.ColorIndex = 3

End If

'change color in column k ( percent change)

If Cells(r, 11).Value > 0 Then

Cells(r, 11).Interior.ColorIndex = 4

Else

Cells(r, 11).Interior.ColorIndex = 3

End If

Next r

'print greatest increase & decrease & total volume value in column O to Q

Cells(2, 16).Value = greatestIncreaseTicker

Cells(2, 17).Value = greatestIncreaseValue

Cells(3, 16).Value = greatestDecreaseTicker

Cells(3, 17).Value = greatestDecreaseValue

Cells(4, 16).Value = greatestTotalValueTicker

Cells(4, 17).Value = greatestTotalValue

End Sub