' I created two macros, first one was for sheet1 only and did some testing, and this one is a macro for all sheets

Sub showTickerAllSheet()

Dim Ticker\_temp As String

Dim Ticker\_out As String

Dim Stock\_open As Double

Dim Stock\_close As Double

Dim Percent\_change As Double

Dim Stock\_vol As Double

Dim i As Long

Dim j As Long

'I need to find the number of rows, and need to add 1 to it to inlcude the last stock in each sheet

Dim N\_rows As Long

N\_rows = Application.CountA(Range("A:A")) + 1

' Initialize all variables from the first stock

Ticker\_out = Cells(2, 1).Value

Stock\_open = Cells(2, 3).Value

Stock\_close = Cells(2, 6).Value

Price\_change = Stock\_close - Stock\_open

Percent\_change = Price\_change / Stock\_open

Stock\_vol = Cells(2, 7).Value

' Initialize all results colums

Cells(1, 9) = "Ticker"

Cells(1, 10) = "Yearly change"

Cells(1, 11) = "Yearly percentage change"

Cells(1, 12) = "Yearly volume"

j = 2

' Here I am supposed to use N\_rows, but my code does not work, might be due to file type with macros? Not sure, need future help

For i = 3 To N\_rows

' Find all the stock data related to the ticker until it changes to another ticker 70926

Ticker\_temp = Cells(i, 1).Value

If Ticker\_temp <> Ticker\_out Then

' If the ticker changed, it is moved to the next stock, so first shows the current stock

' MsgBox ("The current stock ticker is " + Ticker\_out)

Cells(j, 9).Value = Ticker\_out

'Now calculate the changes in stock prices and volume

Price\_change = Stock\_close - Stock\_open

' MsgBox ("The yearly change of stock price is " + Str(Price\_change))

Cells(j, 10) = Price\_change

If Stock\_open <= 0 Then

Percent\_change = 0

ElseIf Stock\_open > 0 Then

Percent\_change = Price\_change / Stock\_open

End If

' MsgBox ("The yearly percentage change in stock price is " + Str(Percent\_change))

Cells(j, 11) = Percent\_change

' MsgBox ("The total volume traded in the current stock is " + Str(Stock\_vol))

Cells(j, 12) = Stock\_vol

' Red (colorindex 3) means yearly loss, and green (colorindex 4) means yearly gains

If Price\_change >= 0 Then

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

ElseIf Price\_change < 0 Then

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

End If

' Now reset the intial values for the next stock

Stock\_open = Cells(i, 3).Value

Stock\_close = Cells(i, 6).Value

Price\_change = Stock\_close - Stock\_open

' Some stocks have open price = 0, might be the measurement errors, I assume that all open price = 0 will have no meaning for this stock and forgo all the calculations

If Stock\_open <= 0 Then

Percent\_change = 0

ElseIf Stock\_open > 0 Then

Percent\_change = Price\_change / Stock\_open

End If

Stock\_vol = Cells(i, 7).Value

j = j + 1

' Now change the ticker to the next stock

Ticker\_out = Cells(i, 1).Value

ElseIf Ticker\_temp = Ticker\_out Then

' This is still the same stock, only need to change the closing price

Stock\_close = Cells(i, 6).Value

' Cumulatively add the volume

Stock\_vol = Stock\_vol + Cells(i, 7).Value

End If

Next i

End Sub