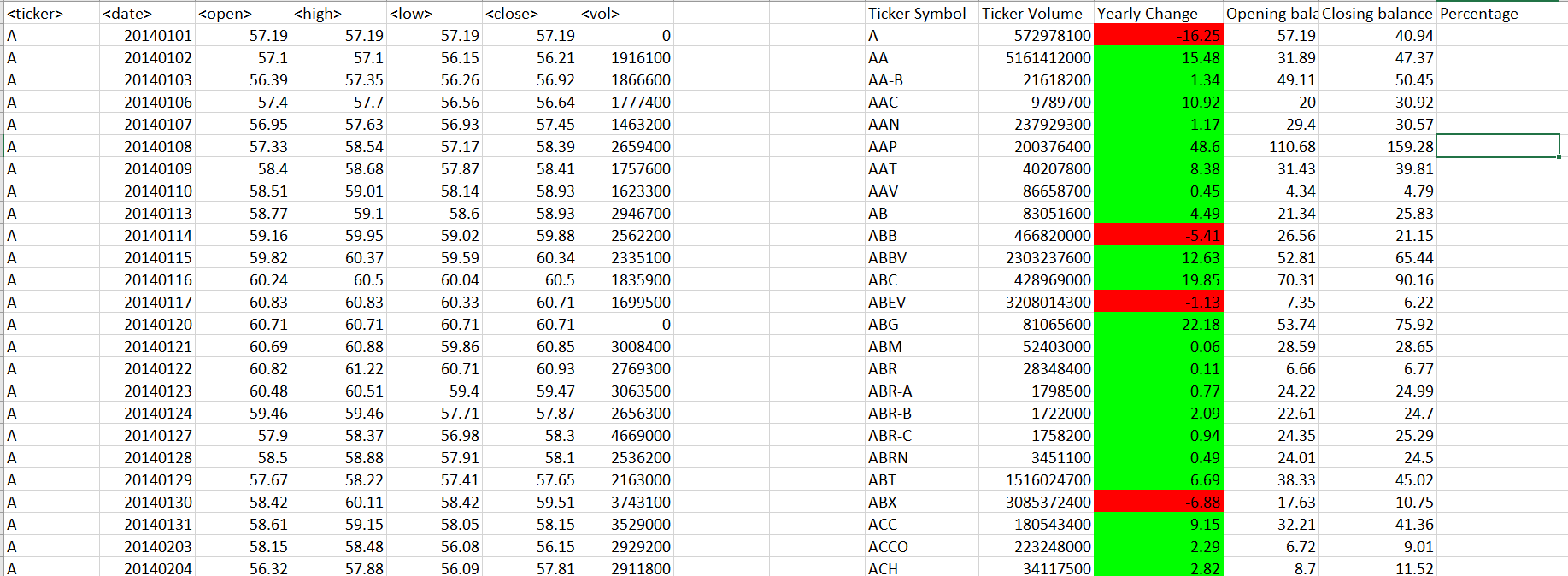
1: VBA Homework

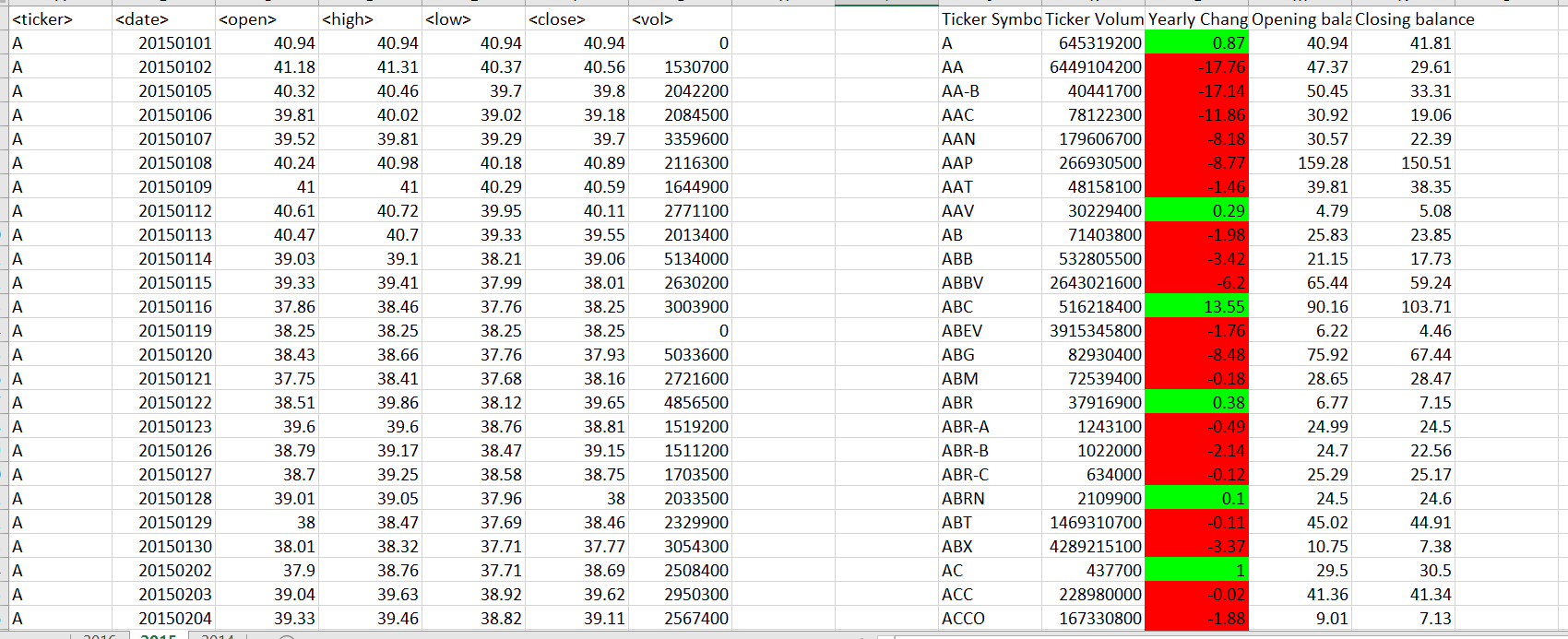
UTAUS201810DATA2

Prepared by : Tejas

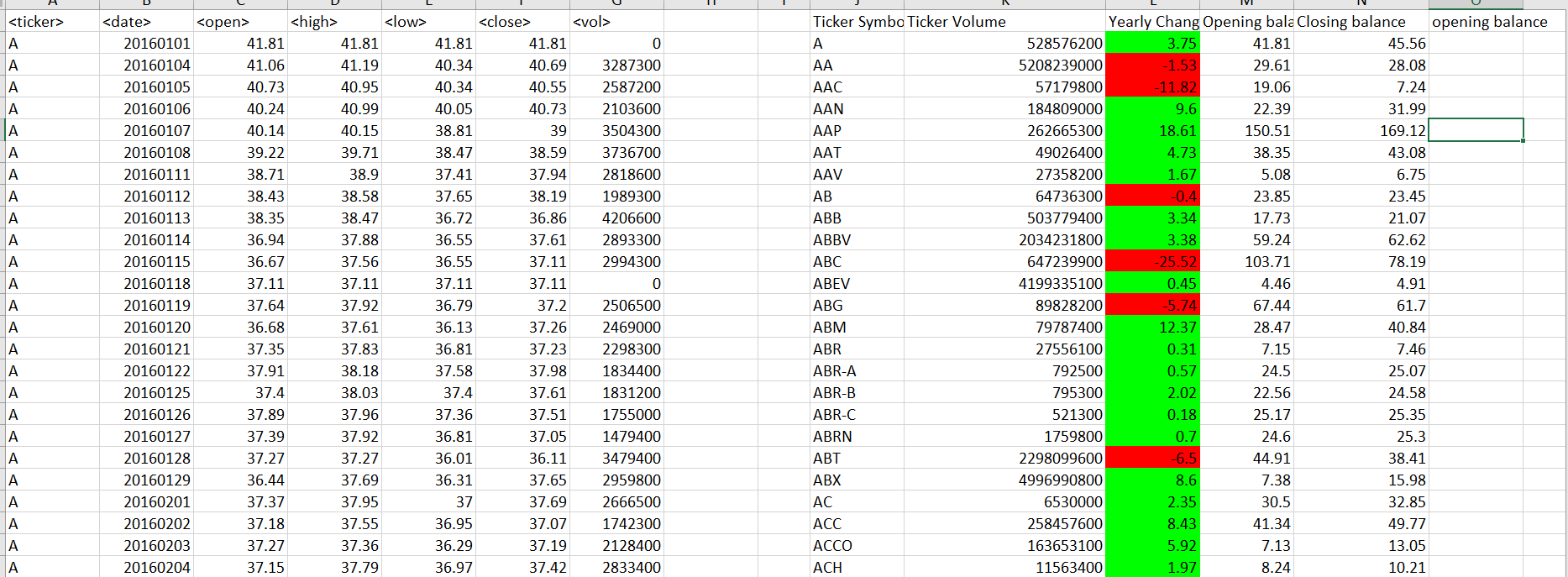
2014:



2015



2016



VBA code:

' Create a script that will loop through each year of stock data and grab the total amount of volume each stock had over the year.

' You will also need to display the ticker symbol to coincide with the total volume

' Yearly change from what the stock opened the year at to what the closing price was.

' The percent change from the what it opened the year at to what it closed.

' The total Volume of the stock

' Your solution will also be able to locate the stock with the "Greatest % increase", "Greatest % Decrease" and "Greatest total volume".

' Prepared by Tejas babu/ -- 10/26/2018

Sub multi\_stock\_vol()

' Declaring varriable

Dim total\_volume As Double

Dim ticker\_symbol As String

total\_volume = 0

Dim LastRow As Long

Dim ticker\_vol\_Row As Integer

ticker\_vol\_Row = 2

Dim counter As Integer

Dim opening\_balance As Double

Dim closing\_balance As Double

Dim cpu\_percentage As Double

Dim yearly\_change As Double

' Looping all worksheet

For Each ws In Worksheets

' printing worksheet name

WorksheetName = ws.Name

MsgBox WorksheetName

LastRow = 0

' clearing all cell for each worksheet

ws.Range("J10:N3500").Clear

' assigning header

ws.Cells(1, 10).Value = "Ticker Symbol"

ws.Cells(1, 11).Value = "Ticker Volume"

ws.Cells(1, 12).Value = "Yearly Change"

ws.Cells(1, 13).Value = "Opening balance"

ws.Cells(1, 14).Value = "Closing balance"

' getting last row number for

LastRow = ws.Cells(Rows.Count, "A").End(xlUp).Row

MsgBox LastRow

' assigning row number to start for formated data table

ticker\_vol\_Row = 2

MsgBox ticker\_vol\_Row

' For loop to process all data in worksheet

For i = 2 To LastRow

' comparing current cells and next cells

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

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

total\_volume = total\_volume + ws.Cells(i, 7).Value

closing\_balance = ws.Cells(i, 6).Value

' cpu\_percentage = closing\_balance - opening\_balance / opening\_balance

yearly\_change = closing\_balance - opening\_balance

ws.Range("J" & ticker\_vol\_Row).Value = ticker\_symbol

ws.Range("K" & ticker\_vol\_Row).Value = total\_volume

If yearly\_change >= 0 Then

ws.Range("L" & ticker\_vol\_Row).Value = yearly\_change

ws.Range("L" & ticker\_vol\_Row).Interior.ColorIndex = 4

Else

ws.Range("L" & ticker\_vol\_Row).Value = yearly\_change

ws.Range("L" & ticker\_vol\_Row).Interior.ColorIndex = 3

End If

ws.Range("M" & ticker\_vol\_Row).Value = opening\_balance

ws.Range("N" & ticker\_vol\_Row).Value = closing\_balance

'Range("O" & ticker\_vol\_Row).Value = cpu\_percentage

' after prinitng records is in formated table increasing counter

ticker\_vol\_Row = ticker\_vol\_Row + 1

' resetting all vlaue once it is in formated table

total\_volume = 0

opening\_baance = 0

counter = 0

closing\_balance = 0

cpu\_percentage = 0

yearly\_change = 0

Else

counter = counter + 1

total\_volume = total\_volume + ws.Cells(i, 7).Value

' storing opening balance in variable

If counter = 1 Then

opening\_balance = ws.Cells(i, 3).Value

End If

End If

Next i

' printing message once processing complete for worksheet

MsgBox "complete" & WorksheetName

Next ws

MsgBox "Procesing complete"

End Sub