VBA- Challenge

Sub stock\_analysis():

'Create column headers

Range("I1").Value = "Ticker"

Range("J1").Value = "Yearly Change"

Range("K1").Value = "Percent Change"

Range("L1").Value = "Total Stock Volume"

Range("K2:K2051").Value = "0.00%"

'Set a variable for Ticker Name

Dim ticker\_name As String

'Set variable for volume

Dim Stock\_Volume As Double

Stock\_Volume = 0

'Set variable for summary table

Dim Summary\_Table As Integer

Summary\_Table = 2

'Set variable for yearly change and percent change

Dim open\_price As Double

open\_price = 0

Dim close\_price As Double

open\_price = 0

Dim yearly\_change As Double

yearly\_change = 0

Dim percent\_change As Double

percent\_change = 0

open\_price = Cells(2, 3).Value

'Loop through tickers

For i = 2 To 705714

'check if still in ticker and results

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

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

close\_price = Cells(i, 6).Value

yearly\_change = close\_price - open\_price

percent\_change = (yearly\_change / open\_price)

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

'Set summary table

Range("I" & Summary\_Table).Value = ticker\_name

Range("J" & Summary\_Table).Value = yearly\_change

If yearly\_change > 0 Then

Range("J" & Summary\_Table).Interior.ColorIndex = 4

ElseIf yearly\_change < 0 Then

Range("J" & Summary\_Table).Interior.ColorIndex = 3

End If

Range("K" & Summary\_Table).Value = percent\_change

Range("L" & Summary\_Table).Value = Stock\_Volume

'Reset loop

Summary\_Table = Summary\_Table + 1

Delta\_Price = 0

close\_price = 0

Stock\_Volume = 0

open\_price = Cells(i + 1, 3).Value

Else

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

End If

Next i

End Sub