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Code for assignment Number 2

Sub Lotto():

Dim total\_volume As Double

Dim ticker As String

Dim ticker\_counter, ticker\_open\_close\_counter As Double

Dim yearly\_open, yearly\_close As Double

total\_volume = 0

ticker\_counter = 2

ticker\_open\_close\_counter = 2

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

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

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

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

For i = 2 To Cells(Rows.Count, 1).End(xlUp).Row

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

ticker = Cells(i, 1).Value

yearly\_open = Cells(ticker\_open\_close\_counter, 3)

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

yearly\_close = Cells(i, 6)

Cells(ticker\_counter, 9).Value = ticker

Cells(ticker\_counter, 10).Value = yearly\_close - yearly\_open

If yearly\_open = 0 Then

Cells(ticker\_counter, 11).Value = Null

Else

Cells(ticker\_counter, 11).Value = (yearly\_close - yearly\_open) / yearly\_open

End If

Cells(ticker\_counter, 12).Value = total\_volume

If Cells(ticker\_counter, 10).Value > 0 Then

Cells(ticker\_counter, 10).Interior.ColorIndex = 4

Else

Cells(ticker\_counter, 10).Interior.ColorIndex = 3

End If

Cells(ticker\_counter, 11).NumberFormat = "0.00%"

total\_volume = 0

ticker\_counter = ticker\_counter + 1

ticker\_open\_close\_counter = i + 1

End If

Next i

Columns("J").AutoFit

Columns("K").AutoFit

Columns("L").AutoFit

End Sub