Easy and moderate

Sub volume()

'create a variable for worksheet

Dim ws As Worksheet

'loop through every worksheet

For Each ws In Worksheets

'create a variable for holding ticker name

Dim ticker As String

'create a variable for holding vol per ticker

Dim vol\_total As Double

vol\_total = 0

'track the location of each ticker in the summary table

Dim summary\_table\_row As Integer

summary\_table\_row = 2

'variable for yearly change and percentage change

Dim yearlychange As Double

Dim percentagechange As Double

'variable for first first row of each ticker

Dim ticker\_first\_row As Double

'Dim currentrow As Integer

'set a value for first row of each ticker

ticker\_first\_row = 2

'determine the last row

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

'loop through the tickers

For currentrow = 2 To LastRow

'check if we are in the same ticker,if not then

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

'select ticker

selectticker = ws.Cells(currentrow, 1).Value

'calculate yearlychange by finding difference between closing price of last row and opening price of first row for each ticker

yearlychange = ws.Cells(currentrow, 6).Value - ws.Cells(ticker\_first\_row, 3).Value

'if opening price in first row=0 then print 999999

If ws.Cells(ticker\_first\_row, 3).Value = 0 Then

percentagechange = 1E+32

Else

percentagechange = (yearlychange / ws.Cells(ticker\_first\_row, 3).Value) \* 100

End If

'add the volume

vol\_total = ws.Cells(currentrow, 7).Value + vol\_total

'print ticker in summary table

ws.Range("I" & summary\_table\_row) = selectticker

'print yearly change

ws.Range("J" & summary\_table\_row) = yearlychange

'assign color index to yearly change

If yearlychange >= 0 Then

ws.Range("J" & summary\_table\_row).Interior.ColorIndex = 4

Else

ws.Range("J" & summary\_table\_row).Interior.ColorIndex = 3

End If

'print percentage change

ws.Range("K" & summary\_table\_row) = percentagechange

'remove color index from column(had assigned color index to column k and then removed)

ws.Range("K" & summary\_table\_row).Interior.Color = xlNone

'print volume in summary table

ws.Range("L" & summary\_table\_row) = vol\_total

'ws.Range("M" & summary\_table\_row) = LastRow

'ws.Range("N" & summary\_table\_row) = ticker\_first\_row

'set vol\_total as 0 to calculate total again for next ticker

vol\_total = 0

'go to the next row

summary\_table\_row = summary\_table\_row + 1

'If ticker\_first\_row < LastRow Then

'go to the first row of the next ticker

ticker\_first\_row = currentrow + 1

'End If

Else

vol\_total = vol\_total + ws.Cells(currentrow, 7).Value

End If

Next currentrow

Next ws

End Sub