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**Unit 2 | Assignment - The VBA of Wall Street**

VBA Code

Sub test1():

'To make the entire code run through all the tab that the file has

For Each ws In Worksheets

'Setting the value type

Dim i As Long

Dim lastrow As Long

Dim tickername As String

Dim x As Long

Dim tivolume As Variant

'Adding name and format to the titles

ws.Cells(1, 9).Value = "Ticker Symbol"

ws.Cells(1, 9).Font.Bold = True

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

ws.Cells(1, 10).Font.Bold = True

'To make the next codes to recognize the last row so it's no necessary add it manually. This will optimize the complete code, so you can run it in all tabs despite of the row count

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

'Setting some starting points to the variables

tivolume = 0

x = 2

'Loop form 2 to lastrow

For i = 2 To lastrow

'To get the ticker name and sum of value of each one and writing them in a new column

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

tickername = ws.Cells(i, 1).Value

ws.Cells(x, 9).Value = tickername

tivolume = CDec(tivolume + ws.Cells(i, 7).Value)

ws.Cells(x, 10).Value = tivolume

ws.Cells(i, 10).Style = "Currency"

x = x + 1

tivolume = 0

Else

tivolume = CDec(tivolume + ws.Cells(i, 7).Value)

ws.Cells(i, 10).Style = "Currency"

End If

Next i

Next ws

End Sub