**HW2: VBA Script (Easy)**

Sub LoopThruWkb()

'Set your worksheet variable

Dim ws As Worksheet

Application.ScreenUpdating = False

'Create a for each loop

For Each ws In Worksheets

ws.Select

'Run your macros

Call hw2\_easy

Next

Application.ScreenUpdating = True

End Sub

Sub hw2\_easy()

'Print summary table headers

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

Cells(1, 10).Value = "Total Volume"

'Set an initial variable for holding the ticker name

Dim ticker As Variant

'Set an initial variable for holding the total volume

Dim total\_vol As Variant

total\_vol = 0

'Determine last row

Dim last\_row As Variant

last\_row = Cells(Rows.Count, 2).End(xlUp).Row

'Keep track of the location for each ticker

Dim Summary\_Table\_Row As Variant

Summary\_Table\_Row = 2

'Loop through all tickers

For i = 2 To last\_row

'Check if you are still within the same ticker, if it is not...

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

'Set the total volume name

ticker = Cells(i, 1).Value

'Add the total volume

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

'Print the ticker name in the summary table

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

'Print the total volume in the summary table

Range("J" & Summary\_Table\_Row).Value = total\_vol

'Add a row to the summary table

Summary\_Table\_Row = Summary\_Table\_Row + 1

'Reset the total volume

total\_vol = 0

'If the cell immediately following a row is the same ticker...

Else

'Add to the total volume

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

End If

Next i

End Sub