Sub VBA\_HW\_combined()

Dim ticker\_name As String, close\_val As Double, total\_vol As String, sum\_table\_row As Integer

Dim lastrow As String, percent\_chg As Double, stock\_open As Double, \_

stock\_close As Double, yearly\_chg As Double, r As Long

Dim ws As Worksheet

For Each ws In Worksheets

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

total\_vol = 0

sum\_table\_row = 2

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

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

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

Range("L1").Value = "Total Vol"

For r = 2 To lastrow

If Cells(r - 1, 1).Value <> Cells(r, 1).Value Then

stock\_open = Cells(r, 3).Value

'Check if we are in the same ticker name

ElseIf Cells(r + 1, 1).Value <> Cells(r, 1).Value Then

stock\_close = Cells(r, 6).Value

yearly\_chg = stock\_close - stock\_open

'building out logic to handle 0's (since we can't divide by 0's)

If yearly\_chg = 0 Then

percent\_chg = 0

Else: percent\_chg = (stock\_close - stock\_open) / stock\_open

End If

' set the ticker name, stock\_close

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

' add to total volume,

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

' print ticker name to summary table

Range("I" & sum\_table\_row).Value = ticker\_name

' print total volume

Range("L" & sum\_table\_row).Value = total\_vol

'print yearly\_change

Range("J" & sum\_table\_row).Value = yearly\_chg

' print per cent change

Range("K" & sum\_table\_row).Value = percent\_chg

' formatting per cent

If Range("k" & sum\_table\_row).Value < 0 Then

Range("k" & sum\_table\_row).Interior.ColorIndex = 3

Else:

Range("k" & sum\_table\_row).Interior.ColorIndex = 4

End If

sum\_table\_row = sum\_table\_row + 1

' reset total value to zero

total\_vol = 0

stock\_open = 0

stock\_close = 0

Else: total\_vol = total\_vol + Cells(r, 7).Value

End If

Next r

Next

' Format percentage

Columns("k").NumberFormat = "0.00%"

End Sub