HW 2 Test VBA Code

Sub ticker()

' Set an initial variable for holding the ticker name

Dim Ticker\_Name As String

' Set an initial variable for holding the total per Open value

Dim Open\_Total As Double

Open\_Total = 0

' Set an initial variable for holding the total per Close value

Dim Close\_Total As Double

Close\_Total = 0

' Keep track of the location for each Ticker name in the summary table

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

' Determine the Last Row

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

' Loop through all Ticker changes

For i = 2 To LastRow

' Keep track of the location for each ticker name in the summary table

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

' Loop through all ticker changes

For i = 2 To LastRow

' Check if we are still within the same Ticker name

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

' Set the Ticker Name

Ticker\_Name = Cells(i, 1).Value

' Add to the Open Total

Open\_Total = Open\_Total + Cells(i, 3).Value

' Add to the Close Total

Close\_Total = Close\_Total + Cells(i, 3).Value

' Print the Ticker Name in the Summary Table

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

' Print the Open Total to the Summary Table

Range("J" & Summary\_Table\_Row).Value = Open\_Total

' Print the Close Total to the Summary Table

Range("K" & Summary\_Table\_Row).Value = Close\_Total

' Add one to the summary table row

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

' Reset the Open Total

Open\_Total = 0

' Reset the Close Total

Close\_Total = 0

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

Else

' Add to the Open Total

Open\_Total = Open\_Total + Cells(i, 3).Value

' Add to the Close Total

Close\_Total = Close\_Total + Cells(i, 3).Value

End If

Next i

End Sub

