Sub HomeWork2\_moderate()

' Set an initial variable for holding the Ticker name and the Total Stock Volume

' Set titles for columns

Dim TickerName As String

Dim TotalStockVolume As Double

TotalStockVolume = 0

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

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

' Keep track of the location for each Ticker Name/Stock

' in the summary table

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

' Determine the Last Row

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

' Loop through all Ticker Names

For i = 2 To LastRow

' Check if we are still within the same Ticker Name

' if it is not...

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

' Set the Ticker Name

TickerName = Cells(i, 1).Value

' Add to the Total Stock Volume

TotalStockVolume = TotalStockVolume + Cells(i, 7).Value

' Print the Ticker Name in the Summary Table

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

' Print the Total Stock Volume to the Summary Table

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

' Add one to the summary table row

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

' Reset the Total Stock Volume

TotalStockVolume = 0

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

Else

' Add to the Total Stock Volume

TotalStockVolume = TotalStockVolume + Cells(i, 7).Value

End If

Next i

' begin moderate level homework

' set variables and fix for Error

Dim ws As Worksheet

On Error Resume Next

For Each ws In ThisWorkbook.Worksheets

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

ws.Cells(1, 10).Value = "Yearly Change"

ws.Cells(1, 11).Value = "Percentage Change"

ws.Cells(1, 12).Value = "Total Stock Volume"

Summary\_Table\_Row = 2

' begin loop

For i = 2 To ws.UsedRange.Rows.Count

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

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

Volume = ws.Cells(i, 7).Value

YearOpen = ws.Cells(i, 3).Value

YearClose = ws.Cells(i, 6).Value

YearlyChange = YearClose - YearOpen

PercentChange = YearClose / YearOpen

' set column names/headers

ws.Cells(Summary\_Table\_Row, 9).Value = Ticker

ws.Cells(Summary\_Table\_Row, 10).Value = YearlyChange

ws.Cells(Summary\_Table\_Row, 11).Value = PercentChange

ws.Cells(Summary\_Table\_Row, 12).Value = Volume

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

Volume = 0

End If

Next i

'format Percentage Change cells

ws.Columns("K").NumberFormat = "0.00%"

Next

'format columns colors

Dim R As Range

Dim Z As Long

Dim Y As Long

Dim ColorCell As Range

Set R = ws.Range("J2", Range("J2").End(xlDown))

Y = R.Cells.Count

For Z = 1 To Y

Set ColorCell = R(Z)

Select Case ColorCell

Case Is >= 0

With ColorCell

.Interior.Color = vbGreen

End With

Case Is < 0

With color\_cell

.Interior.Color = vbRed

End With

End Select

Next Z

End Sub