Homework 2 Stock Market Code -

Sub testing()

'Defining Variables

Dim Ticker As Integer

Dim OpenPrice As Double

Dim ClosePrice As Double

Dim YearlyChange As Double

Dim PercentageChange As Double

Dim TotalStockVolume As Double

Dim Ws As Worksheet

Dim LastRow As Long

Dim SummaryTableRow As Integer

' Integers for loop

SummaryTableRow = 2

StockVolume = 0

StartRow = 2

For Each Ws In Worksheets

LastRow = Ws.Cells(Rows.Count, "A").End(xlUp).Row

' Set headers

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"

'Variable to determine last row

For i = 2 To LastRow

'Check if Stock Ticker is the same, if not

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

Cells(SummaryTableRow, 9).Value = Cells(i, 1).Value

SummaryTableRow = SummaryTableRow + 1

Else

End If

' Calculate Yearly Change

YearlyChange = Ws.Cells(i, 6) - Ws.Cells(StartRow, 3)

Ws.Range("J" & SummaryTableRow).Value = YearlyChange

'Stock Volume

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

Ws.Range("L" & SummaryTableRow).Value = TotalStockVolume

'Set Percentage Change

PercentageChange = YearlyChange / Ws.Cells(StartRow, 3)

Ws.Range("K" & SummaryTableRow).Value = PercentageChange

Ws.Range("K" & SummaryTableRow).NumberFormat = "0.00%"

'Formatting Cells

If Ws.Range("J" & SummaryTableRow).Value >= 0 Then

Ws.Range("J" & SummaryTableRow).Interior.ColorIndex = 4

ElseIf Ws.Range("J" & SummaryTableRow).Value <= 0 Then

Ws.Range("J" & SummaryTableRow).Interior.ColorIndex = 3

End If

Next i

Next Ws

End Sub