Sub StockMarket()

' Declare Variable

Dim TickerName As String

Dim YearlyChange As Double

Dim YearOpenPrice As Double

Dim YearClosePrice As Double

Dim PercentChange As Double

Dim TotalStockVolume As Double

Dim SummaryTableRow As Long

Dim lastrow As Long

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

Dim i As Long

Dim j As Integer

Dim g As Long

Dim LastRowSummaryTable As Long

Dim LastTickerRow As Long

Dim StartRow As Long

' Prevent overflow error

On Error Resume Next

' Loop through all sheets

For Each ws In Worksheets

' Set Variables' Names

TickerName = Range("A2").Value

YearOpenPrice = Range("C2").Value

TotalStockVolume = Range("G2").Value

SummaryTableRow = 2

' Name Headers

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

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

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

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

' Loop

For i = 2 To lastrow + 1

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

If ws.Range("A" & i).Value <> TickerName Then

' Set the ticker's close price to a variable

YearClosePrice = ws.Range("F" & i - 1).Value

' Print the data to the summary table

ws.Range("I" & SummaryTableRow).Value = TickerName

ws.Range("J" & SummaryTableRow).Value = YearClosePrice - YearOpenPrice

ws.Range("K" & SummaryTableRow).Value = -(1 - (YearClosePrice / YearOpenPrice))

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

' Add one to the summary table row

SummaryTableRow = SummaryTableRow + 1

' Rename each column

TickerName = ws.Range("A" & i).Value

YearOpenPrice = ws.Range("C" & i).Value

TotalStockVolume = ws.Range("G" & i).Value

TotalStockVolume = 0

End If

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

Next i

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

' Format Yearly Change column with positve as green and negative as red

LastRowSummaryTable = ws.Cells(Rows.Count, "J").End(xlUp).Row

For j = 2 To LastRowSummaryTable

' Use conditional formatting for the cells, positive is green and negative is red

If ws.Cells(j, 10).Value >= 0 Then

ws.Cells(j, 10).Interior.ColorIndex = 4

Else

ws.Cells(j, 10).Interior.ColorIndex = 3

End If

Next j

' Add Greatest Increase/Decrease

ws.Cells(2, 16) = WorksheetFunction.Max(ws.Range("K:K"))

ws.Cells(3, 16) = WorksheetFunction.Min(ws.Range("K:K"))

ws.Cells(4, 16) = WorksheetFunction.Max(ws.Range("L:L"))

' Change to a percentage

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

' Add Labels to Greatest Increase/Decrease and Greatest Total Volume

ws.Cells(2, 14).Value = "Greatest % Increase"

ws.Cells(3, 14).Value = "Greatest % Decrease"

ws.Cells(4, 14).Value = "Greatest Total Volume"

ws.Cells(1, 15).Value = "Ticker"

ws.Cells(1, 16).Value = "Value"

Next ws

End Sub