Sub StockData()

' define worksheet names as strings

Dim WorkSheetName As String

' designate as being for all worksheets

For Each ws In Worksheets

' define remaining variables

Dim Ticker As String

Dim TotalVolume As Double

TotalVolume = 0

Dim YearlyChange As Double

Dim OpenPrice As Double

Dim ClosePrice As Double

Dim PercentChange As Double

Dim LastRow As Long

Dim SummaryLastRow As Long

' start the summary table at the second row

Dim SummaryTable As Integer

SummaryTable = 2

' Create column headers

Range("H1") = "Ticker"

Range("I1") = "Yearly Change"

Range("J1") = "Percent Change"

Range("K1") = "Total Volume"

' Define last row

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

' loop through all rows

For x = 2 To LastRow

' create if/then for stock tickers while counting volume

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

' locate tickers

Ticker = Cells(x, 1).Value

' add up the volume in column G

TotalVolume = TotalVolume + Cells(x, 7).Value

' place the ticker in the table

Range("H" & SummaryTable).Value = Ticker

' place the volume amount in the table

Range("K" & SummaryTable).Value = TotalVolume

' get the closing price

ClosePrice = Cells(x, 6).Value

' get price at open

OpenPrice = Cells(x, 3).Value

' nominal change

YearlyChange = ClosePrice - OpenPrice

If OpenPrice = 0 Then

PercentChange = 0

Else

PercentChange = YearlyChange / OpenPrice

End If

'Print calculated values in table

Range("I" & SummaryTable).Value = YearlyChange

Range("J" & SummaryTable).Value = PercentChange

' add another row to the table

SummaryTable = SummaryTable + 1

' reset total volume

TotalVolume = 0

OpenPrice = Cells(x + 1, 3).Value

Else

' compute the total stock volume

TotalVolume = TotalVolume + Cells(x, 7).Value

End If

Next x

' get last row of summary table

SummaryLastRow = Cells(Rows.Count, 9).End(xlUp).Row

For y = 2 To SummaryLastRow

If Cells(y, 9) >= 0 Then

Cells(y, 9).Interior.ColorIndex = 4

Else

Cells(y, 9).Interior.ColorIndex = 3

End If

Next y

Next ws

End Sub