```vba
Sub WorkSheet_Loop() 'This is creating a loop that will apply the code to every worksheet.

    Dim xSh As Worksheet

    Application.ScreenUpdating = False

    For Each xSh In Worksheets

        xSh.Select

        Call Stock_Market 'This will "call" the code below for "Stock_Market"

    Next

    Application.ScreenUpdating = True

End Sub



Sub Stock_Market()




Dim DateMinOpen As Variant 'Using Variant because it "the Variant data type is a tagged union that can
be used to represent any other data type (for example, integer, floating-point, single- and double-
precision, object, etc.)"

Dim DateMaxClose As Variant

Dim i As Double

Dim x As Double


Columns("I:Q").Select

Selection.Clear

'Headings for each row, from column 9 through 12

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

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

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

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


'Assigning value to x and i variables
```

```vba
x = 2

i = 2

'Assigning value to a cell from another cell

Cells(x, 9).Value = Cells(x, 1).Value


'Assigning a value for a variable

DateMinOpen = Cells(i, 3).Value

'Will go to the last row of each column, and will go to the last cell of data and go up.

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


For i = 2 To Lastrow 'For loop for "Ticker" column and using "IF" Conditionals


If Cells(i, 1).Value = Cells(x, 9).Value Then


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


DateMaxClose = Cells(i, 6).Value


 Else

'calculating "Ticker value","Yearly Change", "Percent Change"

Cells(x, 10).Value = DateMaxClose - DateMinOpen '"Ticker" value


        If DateMaxClose <= 0 Then 'Yearly change value, but in an "IF" condition


           Cells(x, 11).Value = 0


           Else 'first if condition, it a set up for the next condtion
```

```vba
Cells(x, 11).Value = (DateMaxClose / DateMinOpen) - 1 'Calculating percent change



End If


        Cells(x, 11).Style = "Percent" 'Assigning column 11 to "%" Style

    If Cells(x, 10).Value >= 0 Then 'Changing cell color due to its condition

        Cells(x, 10).Interior.ColorIndex = 4 'Green


            Else


        Cells(x, 10).Interior.ColorIndex = 3 'Red


    End If


Cells(x, 12).Value = TotalV 'Calculating value for Column 12 (Total stock volume)



DateMinOpen = Cells(i, 3).Value


TotalV = Cells(i, 7).Value
x = x + 1 'This will shift the integer by one


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


End If
```

```vba
Next i


Cells(x, 10).Value = DateMaxClose - DateMinOpen

        If DateMaxClose <= 0 Then

            Cells(x, 11).Value = 0

            Else


Cells(x, 11).Value = (DateMaxClose / DateMinOpen) - 1


End If

            Cells(x, 11).Style = "Percent"

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

            Cells(x, 10).Interior.ColorIndex = 4

                Else

            Cells(x, 10).Interior.ColorIndex = 3

        End If
Cells(x, 12).Value = TotalV
```

```
Columns("I:Q").EntireColumn.AutoFit 'Allowing the data to be automaticly fitting to the cell


End Sub


'references
```

```
'https://stackoverflow.com/questions/43738802/how-to-apply-vba-code-to-all-worksheets-in-the-
workbook

'https://www.extendoffice.com/documents/excel/5333-excel-run-macro-multiple-sheets.html

'https://en.wikipedia.org/wiki/Variant_type

'https://github.com/Jtuttle314/VBA-with-Stock-Data-Example/blob/master/VBA_StockScripts.md

'https://www.excel-easy.com/vba.html
```