

```
Sub Stock_market()
```

```
    'Declare Variable as Worksheet
```

```
    Dim ws As Worksheet
```

```
    'Establish For Each for every Worksheet
```

```
    For Each ws In Worksheets
```

```
        'Input title for each value
```

```
        ws.Range("I1").Value = "Ticker"
```

```
        ws.Range("J1").Value = "Yearly Change"
```

```
        ws.Range("K1").Value = "Percent Change"
```

```
        ws.Range("L1").Value = "Total Stock Volume"
```

```
    'Declare Variables
```

```
    Dim ticker As String
```

```
    Dim Ticker_Counts As Integer
```

```
    Dim open_price As Double
```

```
    Dim close_price As Double
```

```
    Dim yearly_change As Double
```

```
    Dim percent_change As Double
```

```
    Dim total_stock As Double
```

```
    Dim Lastrow As Long
```

```
    Dim i As Long
```

```
    Dim Row As Long
```

```
    Row = 1
```

```
    'Declare Lastrow as each row that has a value from the end of the page
```

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

```
    'Value i starts on row 2
```

```
    For i = 2 To Lastrow
```

```
        'Give ticker the starting value
```

```
        ticker = Cells(i, 1).Value
```

```
        'Start open_price at 0 and start the value
```

```
        If open_price = 0 Then
```

```
            open_price = Cells(i, 3).Value
```

```
        End If
```

```
        'Loop each value that doesn't match ticker
```

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

```
            Ticker_Counts = Ticker_Counts + 1
```

```
            Cells(Ticker_Counts + 1, "I") = ticker
```

```
        'Declare close_price as value from column 6
```

```
        close_price = Cells(i, 6).Value
```

```
        'Declare yearly_change as output for column J
```

```
        yearly_change = close_price - open_price
```

```
        Cells(Ticker_Counts + 1, "J").Value = yearly_change
```

```
        'Input colors based on If Else statements
```

```
        If yearly_change > 0 Then
```

```
            Cells(Ticker_Counts + 1, "J").Interior.ColorIndex = 4
```

```
        ElseIf yearly_change < 0 Then
```

```
            Cells(Ticker_Counts + 1, "J").Interior.ColorIndex = 3
```

```
        Else
```

```
            Cells(Ticker_Counts + 1, "J").Interior.ColorIndex = 6
```

```
        End If
```

```
        'Declare open_price start point and percent_change formula
```

```
        If open_price = 0 Then
```

```
            percent_change = 0
```

```
        Else
```

```
            percent_change = (yearly_change / open_price)
```

```
        End If
```

```
        'Output for percent_change for Column K
```

```
        Cells(Ticker_Counts + 1, "K").Value = Format(percent_change, "Percent")
```

```
        'Reset open_price to 0 in loop
```

```
        open_price = 0
```

```
        'Declare total_stock output for Column L
```

```
        total_stock = total_stock + Cells(i, 7).Value
```

```
        Cells(Ticker_Counts + 1, "L").Value = total_stock
```

```
        'Reset total_stock to 0 in loop
```

```
        total_stock = 0
```

Module1 - 2

End If

Next i

Next ws

End Sub