**VBA Homework\_VBA Script**

Sub MultiSheets()

Dim xSh As Worksheet

For Each xSh In ThisWorkbook.Worksheets

xSh.Select

Call Stockmarket

Next xSh

End Sub

Sub Stockmarket()

Dim Ticker As String

Dim Yearly\_Change As Double

Yearly\_Change = 0

Dim Percent\_Change As Double

Percent\_Change = 0

Dim Total\_Stock\_Volume As Double

Total\_Stock\_Volume = 0

Dim Summary\_Table\_Row As Double

Summary\_Table\_Row = 2

Dim Opening\_Price As Double

Opening\_Price = Cells(2, 3)

Last\_Row = Cells(Rows.Count, 1).End(xlUp).Row

For i = 2 To Last\_Row

Total\_Stock\_Volume = Total\_Stock\_Volume + Cells(i, 7).Value

Range("L" & Summary\_Table\_Row).Value = Total\_Stock\_Volume

If i < Last\_Row And Cells(i + 1, 1).Value <> Cells(i, 1).Value Then

Ticker = Cells(i, 1).Value

Yearly\_Change = Cells(i, 6).Value - Opening\_Price

Percent\_Change = (Cells(i, 6).Value - Opening\_Price) / Opening\_Price

Opening\_Price = Cells(i + 1, 3)

Range("I" & Summary\_Table\_Row).Value = Ticker

Range("J" & Summary\_Table\_Row).Value = Yearly\_Change

If Yearly\_Change < 0 Then

Range("J" & Summary\_Table\_Row).Interior.ColorIndex = 3

Else

Range("J" & Summary\_Table\_Row).Interior.ColorIndex = 4

End If

Range("K" & Summary\_Table\_Row).NumberFormat = "0.00%"

Range("K" & Summary\_Table\_Row).Value = Percent\_Change

Summary\_Table\_Row = Summary\_Table\_Row + 1

Total\_Stock\_Volume = 0

End If

Dim Greatest\_Percent\_Increase As Double

Dim Greatest\_Percent\_Decrease As Double

Dim Greatest\_Total\_Volume As Variant

Greatest\_Percent\_Increase = Application.WorksheetFunction.Max(Range(Cells(2, 11), Cells(i, 11)))

Range("P2").NumberFormat = "0.00%"

Range("P2").Value = Greatest\_Percent\_Increase

If Cells(i, 11).Value = Cells(2, 16) Then

Range("O2").Value = Cells(i, 9).Value

End If

Greatest\_Percent\_Decrease = Application.WorksheetFunction.Min(Range(Cells(2, 11), Cells(i, 11)))

Range("P3").NumberFormat = "0.00%"

Range("P3").Value = Greatest\_Percent\_Decrease

If Cells(i, 11).Value = Cells(3, 16) Then

Range("O3").Value = Cells(i, 9).Value

End If

Greatest\_Total\_Volume = Application.WorksheetFunction.Max(Range(Cells(2, 12), Cells(i, 12)))

Range("P4").Value = Greatest\_Total\_Volume

If Cells(i, 12).Value = Cells(4, 16) Then

Range("O4").Value = Cells(i, 9).Value

End If

Next i

End Sub