**StockMarket Assignmet CODE – By Rebecca Cate**

**Completed the Easy and Moderate level**

Sub stockmarket()

For Each ws In Worksheets

Dim Ticker\_Name As String

Dim Total\_Volume As Double

Total\_Volume = 0

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

Cells(1, 9) = "Ticker"

Cells(1, 11) = "Stock Percent Change"

Cells(1, 10) = "Stock Yearly Change"

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

Dim LastRow As Long

Dim Open\_Change

Dim Close\_Change

Dim Total\_Change

Dim Percentage\_Change As Double

Dim Start\_Row As Long

Start\_Row = 2

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

For I = 2 To LastRow

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

Ticker\_Name = Cells(I, 1).Value

Open\_Change = Cells(Start\_Row, 3).Value

Close\_Change = Cells(I, 6).Value

Total\_Change = (Close\_Change - Open\_Change)

Percentage\_Change = (Total\_Change / Open\_Change)

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

Start\_Row = I + 1

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

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

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

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

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

If Total\_Change > 0 Then

Range("J" & Summary\_Table\_Row - 1).Interior.ColorIndex = 4

End If

If Total\_Change < 0 Then

Range("J" & Summary\_Table\_Row - 1).Interior.ColorIndex = 3

End If

Total\_Volume = 0

Close\_Change = 0

Total\_Change = 0

Open\_Change = 0

Else

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

End If

Next I

Next

End Sub