Sub StockMarket()

'Create Summary Table Headers

Range("I1").Value = "Ticker Symbol"

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

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

Range("L1").Value = "Total Stock"

'Set Headers for Second Table

Range("O2").Value = "Greatest % Increase"

Range("O3").Value = "Greatest % Decrease"

Range("O4").Value = "Greatest Total Volume"

Range("P1").Value = "Ticker"

Range("Q1").Value = "Value"

'Set values in Columns to autofit

Columns("A:Q").AutoFit

'Set an initial variable for holding Ticker Symbol

Dim Ticker\_Symbol As String

' Set initial variable for holding Ticker Stock Volume

Dim Stock\_Volume As Double

Stock\_Volume = 0

' Set initial variable for holding StartRow

Dim StartRow As Double

StartRow = 0

' Set inital variable for holding Closing Value

Dim Close\_Value As Double

Close\_Value = 0

' Set initial Variable for holding Opening Value

Dim Open\_Value As Double

Open\_Value = 0

' Set initial Variable for holding Yearly Change

Dim Yearly\_Change As Double

Yearly\_Change = 0

' Set inital Variable for Percentage Change

Dim Percent\_Change As Double

Percent\_Change = 0

' ---------------------------------------------------------

'Keep track of the location for each Ticker in the Summary Table

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

' -----------------------------------------------------------

' Set variable for Loop

Dim i As Long

' Set Last Row Count

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

' Loop through all Tickers

For i = 2 To lastrow

' Check if we are still in the same Ticker

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

' ------------------------------------------------------------

'Set Ticker Symbol

Ticker\_Symbol = Cells(i, 1).Value

'Set Stock Volume

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

'Print the Ticker to the Summary Table

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

'Print the Stock Volume to the Summary Table

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

' -------------------------------------------------

'Set year end Closing Value

Close\_Value = Cells(i, 6).Value

'Set year Opening Value

Open\_Value = Cells(i - StartRow, 3).Value

'Set Yearly Change Value

Yearly\_Change = Close\_Value - Open\_Value

'Print the Yearly Change to the Summary Table

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

'-----------------------------------------------

' Set Percent Change and account for Values of "0"

If Open\_Value > 0 Then

Percent\_Change = Yearly\_Change / Open\_Value

Else

Open\_Value = 0

End If

'Print the Percent Change to the Summary Table

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

' Set Percent Change to Percent style

Range("K" & Summary\_Table\_Row) = Format(Percent\_Change, "00.00%")

' ---------------------------------------------------

' Set Color Conditional Formatting

If Yearly\_Change > 0 Then

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

ElseIf Yearly\_Change < 0 Then

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

End If

' --------------------------------------------------------------

'Add one to the summary table row

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

'Reset Stock Total

Stock\_Volume = 0

'Reset Start Row

StartRow = 0

' ------------------------------------------------------------

' If the cell immediately following a row is the same Ticker..

Else

'Add to the Stock Volume

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

'Add to the StartRow Counter

StartRow = StartRow + 1

End If

Next i

End Sub