VBA_Scripts_XY0822

```vba
Sub MultipleYearStockData()

' Set the intial Variables

Dim Ticker As String
Dim OpenPrice As Double
Dim ClosePrice As Double
Dim YearlyChange As Double
Dim PercentChange As Double
Dim TotalStockVolume As Double

YearlyChange = 0
TotalStockVolume = 0

' Keep track of the location for each ticker in the summmary table

Dim summary_table_row As Integer
summary_table_row = 2

For Each ws In Worksheets

    ws.Range("I1").Value = "Ticker"
    ws.Range("J1").Value = "Yearly Change"
    ws.Range("K1").Value = "Percent Change"
    ws.Range("L1").Value = "Total Stock Volume"
    ws.Range("P1").Value = "Ticker"
    ws.Range("Q1").Value = "Value"
    ws.Range("O1").Value = "Greatest Summary"
    ws.Range("O2").Value = "Greatest % Increase"
    ws.Range("O3").Value = "Greatest % Decrease"
    ws.Range("O4").Value = "Greatest Total Volume"


    LastRow = ws.Cells(Rows.Count, 1).End(xlUp).Row
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ws.Range("O3").Value = "Greatest % Decrease"
ws.Range("O4").Value = "Greatest Total Volume"


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

For i = 2 To LastRow

    On Error Resume Next

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

        Ticker = ws.Cells(i, 1).Value

        OpenPrice = ws.Cells(i, 3).Value

        ClosePrice = ws.Cells(i, 6).Value

        YearlyChange = ClosePrice - OpenPrice

        PercentChange = YearlyChange / OpenPrice

        TotalStockVolume = TotalStockVolume + ws.Cells(i, 7).Value

        ws.Range("I" & summary_table_row).Value = Ticker

        ws.Range("J" & summary_table_row).Value = YearlyChange

        If ws.Range("J" & summary_table_row).Value > 0 Then

            ws.Range("J" & summary_table_row).Interior.ColorIndex = 4

        Else

            ws.Range("J" & summary_table_row).Interior.ColorIndex = 3

        End If

        ws.Range("K" & summary_table_row).Value = PercentChange

        ws.Range("K" & summary_table_row).NumberFormat = "0.00%"

        ws.Range("L" & summary_table_row).Value = TotalStockVolume

        ' Add one to row
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        ws.Range("K" & summary_table_row).NumberFormat = "0.00%"

        ws.Range("L" & summary_table_row).Value = TotalStockVolume

        ' Add one to row

        summary_table_row = summary_table_row + 1

        YearlyChange = 0
        TotalStockVolume = 0

    Else

        YearlyChange = YearlyChange + (ClosePrice - OpenPrice)

        PercentChange = YearlyChange / OpenPrice

        TotalStockVolume = TotalStockVolume + ws.Cells(i, 7).Value

    End If

Next i


LastRow = ws.Cells(Rows.Count, 11).End(xlUp).Row
minValue = 0
maxValue = 0
maxTotalVolume = 0

For i = 2 To LastRow

    If ws.Cells(i, 11) > maxValue Then
        maxValue = ws.Cells(i, 11)
        maxTicker = ws.Cells(i, 9)

    Else
        maxValue = maxValue

    End If

    If ws.Cells(i, 11) < minValue Then
        minValue = ws.Cells(i, 11)
        minTicker = ws.Cells(i, 9)
```

```vba
      End If

      If ws.Cells(i, 11) < minValue Then
         minValue = ws.Cells(i, 11)
         minTicker = ws.Cells(i, 9)

      Else
         minValue = minValue

      End If

      If ws.Cells(i, 12) > maxTotalVolume Then
         maxTotalStockVolume = ws.Cells(i, 12)
         maxTotalStockVolumeTicker = ws.Cells(i, 9)

      Else

         maxTotalVolume = maxTotalVolume

      End If

   Next i

   ws.Range("P2").Value = maxTicker
   ws.Range("Q2").Value = maxValue
   ws.Range("Q2").NumberFormat = "0.00%"
   ws.Range("P3").Value = minTicker
   ws.Range("Q3").Value = minValue
   ws.Range("Q3").NumberFormat = "0.00%"
   ws.Range("P4").Value = maxTotalStockVolumeTicker
   ws.Range("Q4").Value = maxTotalStockVolume

   ws.Columns("I:Q").AutoFit

Next ws

End Sub
```