**VBA stocks code:**

Sub stocks()

'Print Summary table headers

Cells(1, 9).Value = "Summary Ticker"

Cells(1, 10).Value = "Total Volume"

Cells(1, 11).Value = "Yearly Change"

Cells(1, 12).Value = "Percent Change"

' Set an initial variable for holding the ticker

Dim ticker As String

' Set an initial variable for holding the total volume per stock

Dim total\_volume As Double

total\_volume = 0

' Set the initial variable for holding the price change

Dim price\_change As Double

price\_change = 0

'Set the initial variable for holding the Summary\_Table\_Row

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

'Set the initial variable for holding the column variable

Dim Column As Integer

Column = 1

'Set opened price value in the spreadsheet

price\_opened = Cells(2, Column + 2).Value

' Determine the Last Row

Dim LastRow As Long

LastRow = Cells(Rows.Count, 2).End(xlUp).Row

'Loop through all stocks

For i = 2 To LastRow

'Keep calculating the total volume of each stock while looping through

'the stocks with the same ticker

total\_volume = total\_volume + Cells(i, 7).Value

'Compare each following ticker with the previous one and and

'if they differ perform the actions below

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

' Set the ticker value

ticker = Cells(i, 1).Value

' Print the tickers in the Summary Table

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

' Print the total volume in the Summary Table

Range("J" & Summary\_Table\_Row).Value = total\_volume

'Set the price closed

price\_closed = Cells(i, Column + 5).Value

'Calculate yearly price change

price\_change = price\_closed - price\_opened

'In order to avoid the "cannot divide by zero" error use conditional

If price\_opened <> 0 Then

'Calculate the percent changed, assign it to the value

percent\_changed = price\_change / price\_opened

' Print the price difference in the Summary Table

Range("K" & Summary\_Table\_Row).Value = price\_change

End If

'Prin and format the pecent\_change value

Range("L" & Summary\_Table\_Row).Value = percent\_changed

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

' Add one to the summary table row

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

' Reset the Brand Total

total\_volume = 0

'Set initial opened price

price\_opened = Cells(i + 1, Column + 2).Value

End If

Next i

'Set the red and green colors for negative and positive values

' in the yearly change row appropriately

For j = 2 To LastRow

If Cells(j, Column + 10).Value > 0 Then

Cells(j, Column + 10).Interior.ColorIndex = 4

Else

Cells(j, Column + 10).Interior.ColorIndex = 3

End If

Next j

'Set the headers for the third table

Cells(2, 15).Value = "Greatest % increase"

Cells(3, 15).Value = "Greatest % Decrease"

Cells(4, 15).Value = "Greatest total volume"

Cells(1, 16).Value = "Ticker"

Cells(1, 17).Value = "Value"

'Update the value for the last row

LastRow = Cells(Rows.Count, 12).End(xlUp).Row

'Define the max values for volume and procent change and min value for percent chagne

Dim total\_volume\_maxValue As Variant

total\_volume\_maxValue = Application.WorksheetFunction.Max(Range("J2:J" & LastRow))

Dim percent\_change\_maxValue As Variant

percent\_change\_maxValue = Application.WorksheetFunction.Max(Range("L2:L" & LastRow))

Dim percent\_change\_minValue As Variant

percent\_change\_minValue = Application.WorksheetFunction.Min(Range("L2:L" & LastRow))

'Loop through the defined rows to find the max values for volume and percent change

'and min value for percent change, format and print values to the table

For k = 2 To LastRow

If Cells(k, 12).Value = percent\_change\_maxValue Then

Range("Q2").Value = percent\_change\_maxValue

Range("Q2").NumberFormat = "0.00%"

Range("P2").Value = Cells(k, 9).Value

ElseIf Cells(k, 12).Value = percent\_change\_minValue Then

Range("Q3").Value = percent\_change\_minValue

Range("Q3").NumberFormat = "0.00%"

Range("P3").Value = Cells(k, 9).Value

ElseIf Cells(k, 10).Value = total\_volume\_maxValue Then

Range("Q4").Value = total\_volume\_maxValue

Range("P4").Value = Cells(k, 9).Value

End If

Next k

End Sub