Graphical user interface, application, table, Excel

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Sub stocks1()

Dim ticker As String

Dim open\_price As String

Dim close\_price As String

Dim stock\_volume As String

Dim Summary\_table\_row As String

Dim ws As Worksheet

Dim year\_change1 As String

Dim year\_change2 As String

Dim rng As Range

Dim greatest\_inc As String

Dim greatest\_dec As String

Dim greatest\_vol As String

For Each ws In Worksheets

ws.Activate

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

Range("j1").Value = "Yearly Change"

Range("k1").Value = "Percent Change"

Range("l1").Value = "Total Stock Volume"

Range("o2").Value = "Greatest % increase"

Range("o3").Value = "Greatest % Decrease"

Range("o4").Value = "Greatest Total Volume"

Summary\_table\_row = 2

open\_price = Cells(2, 3).Value

stock\_volume = 0

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

For i = 2 To lastrow

If Cells(i + 1, 1).Value <> Cells(i, 1).Value And open\_price <> 0 Then

ticker = Cells(i, 1).Value

close\_price = Cells(i, 6).Value

year\_change1 = (close\_price / open\_price)

year\_change2 = year\_change1 - 1

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

Range("i" & Summary\_table\_row).Value = ticker

Range("j" & Summary\_table\_row).Value = close\_price - open\_price

Range("k" & Summary\_table\_row).Value = FormatPercent(year\_change2)

Range("l" & Summary\_table\_row).Value = stock\_volume

Summary\_table\_row = Summary\_table\_row + 1

open\_price = Cells(i + 1, 3).Value

stock\_volume = 0

With Range("k" & Summary\_table\_row - 1).FormatConditions.Add(xlCellValue, xlGreaterEqual, "0")

With .Interior

.ColorIndex = 4

End With

With Range("l" & Summary\_table\_row)

.ColumnWidth = 18

End With

End With

With Range("k" & Summary\_table\_row - 1).FormatConditions.Add(xlCellValue, xlLess, "0")

With .Interior

.ColorIndex = 3

End With

With Range("l" & Summary\_table\_row)

.ColumnWidth = 18

End With

With Range("o" & Summary\_table\_row)

.ColumnWidth = 22

End With

End With

Else

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

End If

Next i

Set rng = Columns(11)

Set rng2 = Columns(12)

greatest\_inc = FormatPercent(Application.WorksheetFunction.Max(rng))

greatest\_dec = FormatPercent(Application.WorksheetFunction.Min(rng))

greatest\_vol = Application.WorksheetFunction.Max(rng2)

Range("p2").Value = greatest\_inc

Range("p3").Value = greatest\_dec

Range("p4").Value = greatest\_vol

Next ws

End Sub