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Sub Stock\_market()

'Declare and set worksheet

Dim ws As Worksheet

'Loop through all stocks for one year

For Each ws In Worksheets

'Create the column headings

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

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

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

'Define Ticker variable

Dim Ticker As String

Ticker = " "

Dim Ticker\_volume As Double

Ticker\_volume = 0

'Create variable to hold stock volume

'Dim stock\_volume As Double

'stock\_volume = 0

'Set initial and last row for worksheet

Dim Lastrow As Long

Dim i As Long

Dim j As Integer

'Define Lastrow of worksheet (ws)

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

'Set new variables for prices and percent changes

Dim open\_price As Double

open\_price = 0

Dim close\_price As Double

close\_price = 0

Dim price\_change As Double

price\_change = 0

Dim price\_change\_percent As Double

price\_change\_percent = 0

Dim TickerRow As Long: TickerRow = 1

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

'Do loop of current worksheet to Lastrow

For i = 2 To Lastrow

'Ticker symbol output

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

TickerRow = TickerRow + 1

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

ws.Cells(TickerRow, "I").Value = Ticker

'Calculate change in Price

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

ws.Cells(TickerRow, "J").Value = close\_price - open\_price

If open\_price = 0 Then

price\_change\_percent = 0

ElseIf open\_price <> 0 Then

price\_change\_percent = ((close\_price - open\_price) / open\_price)

End If

ws.Cells(TickerRow, "K").Value = price\_change\_percent

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

ws.Cells(TickerRow, "L").Value = Ticker\_volume

Ticker\_volume = 0

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

Else: Ticker\_volume = Ticker\_volume + ws.Cells(i, 7).Value

End If

Next i

ws.Range("K2:K" & TickerRow).NumberFormat = "0.00%"

For i = 2 To TickerRow

If ws.Cells(i, 11).Value > ws.Range("Q2").Value Then

ws.Range("Q2").Value = ws.Cells(i, 11).Value

ws.Range("P2").Value = ws.Cells(i, 9).Value

End If

If ws.Cells(i, 11).Value < ws.Range("Q3").Value Then

ws.Range("Q3").Value = ws.Cells(i, 11).Value

ws.Range("P3").Value = ws.Cells(i, 9).Value

End If

If ws.Cells(i, 12).Value > ws.Range("Q4").Value Then

ws.Range("Q4").Value = ws.Cells(i, 12).Value

ws.Range("P4").Value = ws.Cells(i, 9).Value

End If

If ws.Cells(i, 10).Value > 0 Then

ws.Cells(i, 10).Interior.ColorIndex = 4

Else

ws.Cells(i, 10).Interior.ColorIndex = 3

End If

Next i

Next ws

End Sub