





BASIC SCRIPT

Sub LoopThroughWorksheets()

'Define Variables

Dim WS As Worksheet

'run through each worksheet

For Each WS In Worksheets

Dim ticker As String

ticker = ""

Dim open\_price As Double

open\_price = 0

Dim close\_price As Double

close\_price = 0

Dim Yearly\_change As Double

Yearly\_change = 0

Dim Percent\_Change As Double

Percent\_Change = 0

Dim Total\_Stock\_Volume As Double

Total\_Stock\_Volume = 0

Dim Summary\_Table\_Row As Long

Summary\_Table\_Row = 2

Dim Lastrow As Long

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

Dim i As Long

i = 2

'set Column names,create summary table

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

WS.Cells(1, 10).Value = "Yearly Change"

WS.Cells(1, 11).Value = "Percent Change"

WS.Cells(1, 12).Value = "Total Stock Volume"

'Loop Through Worksheets

For i = 2 To Lastrow

'To fix open price of the month

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

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

End If

'To determine the total stock volume for the year

Total\_Stock\_Volume = Total\_Stock\_Volume + WS.Cells(i, 7).Value

'To see if it's the same Ticker

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

'Find Values

ticker = WS.Cells(i, 1).Value

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

Yearly\_change = close\_price - open\_price

If open\_price = 0 Then

Percent\_Change = 0

ElseIf open\_price <> 0 Then

Percent\_Change = (Yearly\_change / open\_price)

End If

WS.Columns("K").NumberFormat = "0.00%"

'Fill the Results Table and color

WS.Cells(Summary\_Table\_Row, 9).Value = ticker

WS.Cells(Summary\_Table\_Row, 10).Value = Yearly\_change

If (Yearly\_change > 0) Then

WS.Cells(Summary\_Table\_Row, 10).Interior.ColorIndex = 4

ElseIf (Yearly\_change <= 0) Then

WS.Cells(Summary\_Table\_Row, 10).Interior.ColorIndex = 3

End If

WS.Cells(Summary\_Table\_Row, 11).Value = Percent\_Change

WS.Cells(Summary\_Table\_Row, 12).Value = Total\_Stock\_Volume

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

'Reset Values

Yearly\_change = 0

close\_price = 0

open\_price = 0

Total\_Stock\_Volume = 0

End If

Next i

Next WS

'Basic

End Sub