Sub Stock()

'Set variables

Dim Ticker As String

Dim OpeningPrice As Double

Dim ClosingPrice As Double

Dim YearlyChange As Double

Dim PercentChange As Double

Dim TotalVolume As Double

Dim LastRow As Long

Dim i As Long

Dim j As Long

Dim GreatestIncrease As String

Dim GreatestDecrease As String

Dim Value As String

Dim Result As Integer

' Add headers to output

Range("J1").Value = "Ticker"

Range("K1").Value = "Yearly Change"

Range("L1").Value = "Percent Change"

Range("M1").Value = "Total Volume"

Range("P1").Value = ""

Range("Q1").Value = "Ticker"

Range("R1").Value = "Value"

Range("P2").Value = "Greatest%Increase"

Range("P3").Value = "Greatest%Decrease"

Range("P4").Value = "Greatest Total Volume"

' Set header row and last row

j = 2

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

' Loop through the data

For i = 2 To LastRow

' Check if ticker symbol has changed

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

' Set ticker symbol

Ticker = Cells(i, 1).Value

' Set opening price

OpeningPrice = Cells(i, 3).Value

' Reset total volume

TotalVolume = 0

End If

' Add to total volume

TotalVolume = TotalVolume + Cells(i, 7).Value

' Check if it’s the last row for the current ticker

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

' Set closing price

ClosingPrice = Cells(i, 6).Value

' Calculate yearly change

YearlyChange = ClosingPrice - OpeningPrice

' Calculate percent change

If OpeningPrice <> 0 Then

PercentChange = YearlyChange / OpeningPrice

Else

PercentChange = 0

Result = WorksheetFunction.Max(Q2)

End If

' Output results

Range("J" & j).Value = Ticker

Range("K" & j).Value = YearlyChange

Range("L" & j).Value = PercentChange

Range("M" & j).Value = TotalVolume

' Format percent change as percentage

Range("L" & j).NumberFormat = "0.00%"

' Set color based on yearly change

If YearlyChange >= 0 Then

Range("K" & j).Interior.ColorIndex = 4 ' Green

Else

Range("K" & j).Interior.ColorIndex = 3 ' Red

End If

' Move to next row

j = j + 1

End If

Next i

End Sub