Sub stocktesting()

Dim lastrow As Long

Dim ticker As String

Dim opeenp As Double

Dim closep As Double

Dim yearchange As Double

Dim percentChange As Double

Dim totalVolume As Double

Dim percentincrease As Double

Dim percentdecrease As Double

Dim greatestvolume As Long

Dim ws As Worksheet

'apply to all worksheets

For Each ws In ActiceWorkbook.Worksheets

With ws

'Set range

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

Range("K1").Value = "yearchange"

Range("L1").Value = "percentChange"

Range("M1").Value = "TotalVolume"

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

For i = 2 To lastrow

' set values

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

ticker = Cells(i, 1).Value

openp = Cells(i, 3).Value

totalVolume = Cells(i, 7).Value

End If

closep = Cells(i, 6).Value

yearchange = closep - openp

percentChange = ((closep - openp) / (openp) \* 100)

'fill values

Cells(i, 10).Value = ticker

Cells(i, 11).Value = yearchange

If openp <> 0 Then

Cells(i, 12).Value = percentChange

Cells(i, 12).NumberFormat = "0.00%"

Else

Cells(i, 12).Value = "N/A"

End If

Cells(i, 13).Value = totalVolume

'formatting

If yearchange > 0 Then

Cells(i, 11).Interior.ColorIndex = 4

End If

If yearchange < 0 Then

Cells(i, 11).Interior.ColorIndex = 3

End If

percentincrease = WorksheetFunction.Max(Range("L2:L" & lastrow))

percentdecrease = WorksheetFunction.Min(Range("L2:L" & lastrow))

greatestvolume = WorksheetFunction.Max(Range("M2:M" & lastrow))

Cells(2, 21).Value = percentincrease

Cells(3, 21).Value = percentdecrease

Cells(4, 21).Value = greatestvolume

Next i

Next ws

End Sub