Sub Ticker()

For Each Worksheet In Worksheets

'apply to all worksheets

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

Worksheet.Cells(1, 9).Font.Bold = True

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

Worksheet.Cells(1, 10).Font.Bold = True

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

Worksheet.Cells(1, 11).Font.Bold = True

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

Worksheet.Cells(1, 12).Font.Bold = True

Worksheet.Cells(1, 15).Value = "Ticker"

Worksheet.Cells(1, 15).Font.Bold = True

Worksheet.Cells(1, 16).Value = "Value"

Worksheet.Cells(1, 16).Font.Bold = True

Worksheet.Cells(2, 14).Value = "Greatest % Increase "

Worksheet.Cells(2, 14).Font.Bold = True

Worksheet.Cells(3, 14).Value = "Greatest % Decrease"

Worksheet.Cells(3, 14).Font.Bold = True

Worksheet.Cells(4, 14).Value = "Greatest Total Volume"

Worksheet.Cells(4, 14).Font.Bold = True

'Create and format column names

Dim lastrow As Long

lastrow = Worksheet.Cells(Rows.Count, 2).End(xlUp).Row

'Debug.Print lastrow

'create last row variable for each sheet

Dim coutner As Long

counter = 2

'Created a counter to use later. start at row 2 to avoid the column names

Dim j As Long

j = 2

'j stands for year begin row of each ticker. start at 2 bc that is year open row on each sheet

Dim percentbaseline As Double

percentbaseline = (Worksheet.Cells(2, 11))

'beginning percent baseline to beat

Dim lastrowsummary As Long

lastrowsummary = Worksheet.Cells(Rows.Count, 9).End(xlUp).Row

'dedeuped summary table does not have the same length, need to create last row of summary table variable

Dim percentbaselineticker As String

percentbaselineticker = (Worksheet.Cells(2, 9))

'beginning ticker name

Dim totalstockbaseline As Double

totalstockbaseline = percentbaseline = (Worksheet.Cells(2, 12))

'beginning stock volume to beat

For i = 2 To lastrow

' Loop through all ticker symbols. Starting at i=2 skips column headers

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

'If condition is true, then do all these things (if ticker symbol is not same as one above, then it is unique)

Worksheet.Cells(counter, 9).Value = Worksheet.Cells(i, 1).Value

'Print Value

'Need to use counter otherwise values are getting overwritten

Worksheet.Cells(counter, 10).Value = Worksheet.Cells(i, 6).Value - Worksheet.Cells(j, 3).Value

'Calculate Close to Open Change

If Worksheet.Cells(counter, 10).Value >= 0 Then

Worksheet.Cells(counter, 10).Interior.ColorIndex = 4

'Note to self: why did interior.color turn everything black?

Else: Worksheet.Cells(counter, 10).Interior.ColorIndex = 3

End If

'Conditional formatting

Worksheet.Cells(counter, 11).Value = ((Worksheet.Cells(i, 6).Value / Worksheet.Cells(j, 3).Value) - 1)

'Calculates % Change from close to open

If Worksheet.Cells(counter, 11).Value >= 0 Then

Worksheet.Cells(counter, 11).Interior.ColorIndex = 4

Else: Worksheet.Cells(counter, 11).Interior.ColorIndex = 3

End If

'Conditional formatting

Worksheet.Cells(counter, 11).Value = FormatPercent(Worksheet.Cells(counter, 11).Value)

'Formats as a %

Worksheet.Cells(counter, 12).Value = WorksheetFunction.Sum(Range(Worksheet.Cells(i, 7), Worksheet.Cells(j, 7)))

'Calculate total stock value

counter = counter + 1

'If the ticker symbol is unique, we want to increase the row the output gets written in (otherwise it the tickers overwrite one another)

j = i + 1

'If the ticker symbol is unique, we move down a row to get the new open price of new ticker

End If

Next i

For i = 2 To lastrowsummary

If percentbaseline >= Worksheet.Cells(i, 11).Value Then

percentbaseline = percentbaseline

'if greater or equal, do not change the baseline

Worksheet.Cells(2, 16).Value = FormatPercent(percentbaseline)

Worksheet.Cells(2, 15).Value = percentbaselineticker

Else: percentbaseline = Worksheet.Cells(i, 11).Value

'change baseline if next # is bigger

Worksheet.Cells(2, 16).Value = FormatPercent(percentbaseline)

percentbaselineticker = Worksheet.Cells(i, 9).Value

Worksheet.Cells(2, 15).Value = percentbaselineticker

End If

Next i

'Calculate greatest increase

For i = 2 To lastrowsummary

If percentbaseline <= Worksheet.Cells(i, 11).Value Then

percentbaseline = percentbaseline

Worksheet.Cells(3, 16).Value = FormatPercent(percentbaseline)

Worksheet.Cells(3, 15).Value = percentbaselineticker

Else: percentbaseline = Worksheet.Cells(i, 11).Value

Worksheet.Cells(3, 16).Value = FormatPercent(percentbaseline)

percentbaselineticker = Worksheet.Cells(i, 9).Value

Worksheet.Cells(3, 15).Value = percentbaselineticker

End If

Next i

'Calculate greatest decrease

For i = 2 To lastrowsummary

If totalstockbaseline >= Worksheet.Cells(i, 12).Value Then

totalstockbaseline = totalstockbaseline

Worksheet.Cells(4, 16).Value = totalstockbaseline

Worksheet.Cells(4, 15).Value = percentbaselineticker

Else: totalstockbaseline = Worksheet.Cells(i, 12).Value

Worksheet.Cells(4, 16).Value = totalstockbaseline

percentbaselineticker = Worksheet.Cells(i, 9).Value

Worksheet.Cells(4, 15).Value = percentbaselineticker

End If

Next i

'Calculate greatest total stock

Next Worksheet

End Sub