Sub SummaryTableTicker()

'Recorded Macro to Apply Advance Filter (Unique Records Only) and Paste into a Range

Application.CutCopyMode = False

Columns("A:A").AdvancedFilter Action:=xlFilterCopy, CopyToRange:=Range("I1" \_

), Unique:=True

End Sub

Sub Summary\_header()

'Set title row

Range("I1").Value = "Ticker"

Range("J1").Value = "Yearly Change"

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

Range("L1").Value = "Total Stock Volume"

Range("O1").Value = "Ticker"

Range("P1").Value = "Value"

Range("N2").Value = "%Greatest Increase"

Range("N3").Value = "%Greatest Decrease"

Range("N4").Value = "Greatest Volume"

End Sub

Sub TotalStockVolPortion()

Dim ws As Worksheet

For Each ws In Worksheets

ws.Activate

Dim rng As Long

Dim dataTableIndex, summaryTableIndex As Long

Dim priceOpen, priceClose, volumeTotal As Double

Dim greatestPercentInc, greatestPercentDec, greatestVol As Double

Dim TickerName, GPITicker, GPDTicker, GVTicker As String

Call SummaryTableTicker

Call Summary\_header

'Get the number of rows to loop over

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

priceOpen = 0

priceClose = 0

volumeTotal = 0

greatestPercentInc = 0

greatestPercentDec = 0

greatestVol = 0

'Match the Ticker symbol in data sheet with the one in summary table

summaryTableIndex = 2

For dataTableIndex = 2 To RowCountAllData

'Memo opening and closing price

priceClose = Range("F" & dataTableIndex).Value

priceOpen = IIf(priceOpen = 0, Range("C" & dataTableIndex).Value, priceOpen)

'Accumulate volume

volumeTotal = volumeTotal + Range("G" & dataTableIndex).Value

If dataTableIndex = RowCountAllData Or Range("A" & dataTableIndex).Value <> Range("A" & dataTableIndex + 1).Value Then

'Calculate summary values

TickerName = Range("A" & dataTableIndex)

summaryVolumeTotal = volumeTotal

summaryPriceChange = priceClose - priceOpen

If priceOpen = 0 Then

priceOpen = 1

SummaryPriceChangePercentage = summaryPriceChange / priceOpen

Else

SummaryPriceChangePercentage = summaryPriceChange / priceOpen

End If

Select Case summaryPriceChange

Case Is > 0

summaryPriceChangeColorIndex = 4

Case Is < 0

summaryPriceChangeColorIndex = 3

Case Else

summaryPriceChangeColorIndex = 0

End Select

'Memo Greatest Values

If SummaryPriceChangePercentage > greatestPercentInc Then

greatestPercentInc = SummaryPriceChangePercentage

GPITicker = TickerName

End If

If SummaryPriceChangePercentage < greatestPercentDec Then

greatestPercentDec = SummaryPriceChangePercentage

GPDTicker = TickerName

End If

If summaryVolumeTotal > greatestVol Then

greatestVol = summaryVolumeTotal

GVTicker = TickerName

End If

'Format and Print summary

Range("L" & summaryTableIndex).Value = summaryVolumeTotal

Range("J" & summaryTableIndex).Value = Round(summaryPriceChange, 2)

Range("K" & summaryTableIndex).Value = "%" & (SummaryPriceChangePercentage \* 100)

Range("J" & summaryTableIndex).Interior.ColorIndex = summaryPriceChangeColorIndex

'Reset current ticker values

volumeTotal = 0

priceOpen = 0

priceClose = 0

'Next ticker summary

summaryTableIndex = summaryTableIndex + 1

End If

Next dataTableIndex

'Print Greatest Values

Range("P2").Value = "%" & (greatestPercentInc \* 100)

Range("P3").Value = "%" & (greatestPercentDec \* 100)

Range("P4").Value = greatestVol

Range("O2").Value = GPITicker

Range("O3").Value = GPDTicker

Range("O4").Value = GVTicker

ws.Cells.EntireColumn.AutoFit

Next ws

End Sub