Sub Process()

'By Andrew Cliffe, 6/7/2020

Dim Ticker As String

Dim TickerCounter As Integer

Dim BeginOpeningPrice As Currency

Dim CloseEndingPrice As Currency

Dim YearlyChangePrice As Currency

Dim PercentPriceChange As Double

Dim TotalStockVolume As Double

Dim GreatestPercentIncrease As Double

Dim GreatestPercentDecrease As Double

Dim GreatestTotalVolume As Double

Dim GreatestPercentIncreaseTicker As String

Dim GreatestPercentIncreaseValue As Double

Dim GreatestPercentDecreaseTicker As String

Dim GreatestPercentDecreaseValue As Double

Dim GreatestTotalVolumeTicker As String

Dim GreatestTotalVolumeValue As Double

Dim WS\_Count As Integer

Dim w As Integer

Dim LastRow

Dim i As Long

WS\_Count = ActiveWorkbook.Worksheets.Count 'Worksheets Loop

For w = 1 To WS\_Count

Sheets(w).Select

'Initialize Worksheet Global Variables

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

TickerCounter = 1

'End Initialize Worksheet Global Variables

For i = 2 To LastRow 'Loop thru all Tickers

If i = 2 Then 'Initialize loop variables

BeginOpeningPrice = Cells(i, 3).Value

TotalStockVolume = 0

GreatestPercentIncrease = (Cells(2, 6).Value - Cells(2, 3).Value) / Cells(2, 3).Value

GreatestPercentDecrease = (Cells(2, 6).Value - Cells(2, 3).Value) / Cells(2, 3).Value

GreatestTotalVolume = 0

End If 'End Initialize loop variables

If Cells(i + 1, 1).Value = Cells(i, 1).Value Then 'Loop within given Ticker

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

Else

Ticker = Cells(i, 1).Value

CloseEndingPrice = Cells(i, 6).Value

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

YearlyChangePrice = CloseEndingPrice - BeginOpeningPrice

If BeginOpeningPrice = 0 Then

PercentPriceChange = 0

Else

PercentPriceChange = (CloseEndingPrice - BeginOpeningPrice) / BeginOpeningPrice

End If

'Load Cells

Cells(TickerCounter + 1, 9).Value = Ticker

Cells(TickerCounter + 1, 10).Value = YearlyChangePrice

If YearlyChangePrice >= 0 Then 'Color formatting

Cells(TickerCounter + 1, 10).Interior.ColorIndex = 4

Else

Cells(TickerCounter + 1, 10).Interior.ColorIndex = 3

End If ' End Color formatting

Cells(TickerCounter + 1, 11).Value = PercentPriceChange

Cells(TickerCounter + 1, 12).Value = TotalStockVolume

'Greatest Cell Calcs

If PercentPriceChange > GreatestPercentIncrease Then

GreatestPercentIncreaseTicker = Ticker

GreatestPercentIncreaseValue = PercentPriceChange

GreatestPercentIncrease = PercentPriceChange

End If

If PercentPriceChange < GreatestPercentDecrease Then

GreatestPercentDecreaseTicker = Ticker

GreatestPercentDecreaseValue = PercentPriceChange

GreatestPercentDecrease = PercentPriceChange

End If

If TotalStockVolume > GreatestTotalVolume Then

GreatestTotalVolumeTicker = Ticker

GreatestTotalVolumeValue = TotalStockVolume

GreatestTotalVolume = TotalStockVolume

End If

'End Greatest Cell Calcs

'Reset Variables

TickerCounter = TickerCounter + 1

TotalStockVolume = 0

BeginOpeningPrice = Cells(i + 1, 3).Value

End If 'End Loop within given Ticker

Next 'End Loop thru all Tickers

'Header Cells Load

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

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

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

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

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

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

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

Range("Q1").Select

With Selection

.HorizontalAlignment = xlRight

.VerticalAlignment = xlBottom

.WrapText = False

.Orientation = 0

.AddIndent = False

.IndentLevel = 0

.ShrinkToFit = False

.ReadingOrder = xlContext

.MergeCells = False

End With

'End Header Cells Load

'Greatest Cells Load

Range("O2").Value = "Greatest % Increase"

Range("P2").Value = GreatestPercentIncreaseTicker

Range("Q2").Value = GreatestPercentIncreaseValue

Range("O3").Value = "Greatest % Decrease"

Range("P3").Value = GreatestPercentDecreaseTicker

Range("Q3").Value = GreatestPercentDecreaseValue

Range("O4").Value = "Greatest Total Volume"

Range("P4").Value = GreatestTotalVolumeTicker

Range("Q4").Value = GreatestTotalVolumeValue

'End Greatest Cells Load

'Column Formatting

Columns("I:I").Select

Columns("I:I").EntireColumn.AutoFit

Columns("J:J").Select

Selection.NumberFormat = "$#,##0.00\_);($#,##0.00)"

Columns("J:J").EntireColumn.AutoFit

Columns("K:K").Select

Selection.NumberFormat = "0.00%"

Columns("K:K").EntireColumn.AutoFit

Columns("L:L").Select

Selection.NumberFormat = "#,##0\_);(#,##0)"

Columns("L:L").EntireColumn.AutoFit

Columns("M:M").Select

Selection.ColumnWidth = 2

Columns("N:N").Select

Selection.ColumnWidth = 2

Columns("O:O").Select

Columns("O:O").EntireColumn.AutoFit

Columns("P:P").Select

Columns("P:P").EntireColumn.AutoFit

Range("Q2").Select

Selection.NumberFormat = "0.00%"

Range("Q3").Select

Selection.NumberFormat = "0.00%"

Range("Q4").Select

Selection.NumberFormat = "#,##0\_);(#,##0)"

Columns("Q:Q").EntireColumn.AutoFit

'End Column Formatting

Next w 'End Worksheets Loop

End Sub