Sub tickerloop()

'Determine value for Ticker Symbol

Dim tickersymbol As String

'Determine variable for Trade Volume

Dim tickervolume As Double

tickervolume = 0

'Determine location of Ticker Symbol in Summary Table

Dim summary\_ticker\_row As Integer

summary\_ticker\_row = 2

'Determine Yearly Change (End of year Close Price - Beginning of year Open Price)

'Determine Percent Change ((Close - Open)/Open)\*100

Dim open\_price As Double

'Determine initial Open Price. Conditional loops will determine the rest of the opening prices

open\_price = Cells(2, 3).Value

Dim close\_price As Double

Dim yearly\_change As Double

Dim percent\_change As Double

'Name titles for headers of Summary Table

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

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

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

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

'Determine total rows value in column 1

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

'Loop across rows by Ticker Symbol

'Ensure Ticker Symbols are in alphabetical order

'Perform a quick once over

For i = 2 To lastrow

'Identify when the value of the next cell changes from the current cell value

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

'Identify Ticker Symbol

tickersymbol = Cells(i, 1).Value

'Insert Trade Volume

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

'Identify Ticker Symbol for Summary Table

Range("I" & summary\_ticker\_row).Value = tickersymbol

'Identify Trade Volume per each Ticker Symbol for Summary Table

Range("L" & summary\_ticker\_row).Value = tickervolume

'Determine Closing Price

close\_price = Cells(i, 6).Value

'Determine Yearly Change

yearly\_change = (close\_price - open\_price)

'Identify Yearly Change per each Ticker Symbol for Summary Table

Range("J" & summary\_ticker\_row).Value = yearly\_change

'Determine if Percent Change in a non-divisible

If open\_price = 0 Then

percent\_change = 0

Else

percent\_change = yearly\_change / open\_price

End If

'Identify Yearly Change per Ticker Symbol for Summary Table

Range("K" & summary\_ticker\_row).Value = percent\_change

Range("K" & summary\_ticker\_row).NumberFormat = "0.00%"

'Determine row counter. Add one to the summary

summary\_ticker\_row = summary\_ticker\_row + 1

'Indicate Trade Volume to zero

tickervolume = 0

'Determine Opening Price

open\_price = Cells(i + 1, 3)

Else

'Include Trade Volume

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

End If

Next i

'Conditional formatting to determine Positive Change in green and Negative Change in red

'Determine last row of the Summary Table

lastrow\_summary\_table = Cells(Rows.Count, 9).End(xlUp).Row

'Identify colour for Yearly Change

For i = 2 To lastrow\_summary\_table

If Cells(i, 10).Value > 0 Then

Cells(i, 10).Interior.ColorIndex = 10

Else

Cells(i, 10).Interior.ColorIndex = 3

End If

Next i

'Highlight changes in Stock Price

'Label cells for Summary Table

Cells(2, 15).Value = "Greatest % Increase"

Cells(3, 15).Value = "Greatest % Decrease"

Cells(4, 15).Value = "Greatest Total Volume"

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

Cells(1, 17).Value = "Value"

'Determine min and max volume of Percent Change

'Total Stock Volume will be max volume

'Identify Ticker Symbol, Percent Change values and Total Volume of trade for each Ticker Symbol

'

For i = 2 To lastrow\_summary\_table

'Determine Max Percent Change

If Cells(i, 11).Value = Application.WorksheetFunction.Max(Range("K2:K" & lastrow\_summary\_table)) Then

Cells(2, 16).Value = Cells(i, 9).Value

Cells(2, 17).Value = Cells(i, 11).Value

Cells(2, 17).NumberFormat = "0.00%"

'Determine Min Percent Change

ElseIf Cells(i, 11).Value = Application.WorksheetFunction.Min(Range("K2:K" & lastrow\_summary\_table)) Then

Cells(3, 16).Value = Cells(i, 9).Value

Cells(3, 17).Value = Cells(i, 11).Value

Cells(3, 17).NumberFormat = "0.00%"

'Determine Max Trade Volume

ElseIf Cells(i, 12).Value = Application.WorksheetFunction.Max(Range("L2:L" & lastrow\_summary\_table)) Then

Cells(4, 16).Value = Cells(i, 9).Value

Cells(4, 17).Value = Cells(i, 12).Value

End If

Next i

End Sub