Sub tickerloop()

'Loop throughout all Worksheets

For Each ws In Worksheets

'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 = ws.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

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

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

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

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

'Determine total rows value in column 1

lastrow = ws.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 ws.Cells(i + 1, 1).Value <> ws.Cells(i, 1).Value Then

'Identify Ticker Symbol

tickername = ws.Cells(i, 1).Value

'Insert Trade Volume

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

'Identify Ticker Symbol for Summary Table

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

'Identify Trade Volume per each Ticker Symbol for Summary Table

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

'Determine Closing Price

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

'Determine Yearly Change

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

'Identify Yearly Change per each Ticker Symbol for Summary Table

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

'Determine if Percent Change is 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

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

ws.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 = ws.Cells(i + 1, 3)

Else

'Include Trade Volume

tickervolume = tickervolume + ws.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 = ws.Cells(Rows.Count, 9).End(xlUp).Row

'Identify colour for Yearly Change

For i = 2 To lastrow\_summary\_table

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

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

Else

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

End If

Next i

'Highlight changes in Stock Price

'Label cells for Summary Table

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

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

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

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

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

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

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

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

'Determine Min Percent Change

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

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

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

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

'Determine Max Trade Volume

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

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

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

End If

Next i

Next ws

End Sub