Sub ws\_loop()

'Make loop through worksheets

Dim Current As Worksheet

For Each Current In Worksheets

'MsgBox Current.Name check

'Define variables

Dim Ticker As String

Dim Yearly\_change As Double

Dim Percent\_change As Double

Dim Volume As Double

Dim summary\_row As Long

summary\_row = 2

Dim start As Long

start = 2

'Make summary table

Current.Range("J1").Value = "Ticker"

Current.Range("K1").Value = "Yearly\_Change"

Current.Range("L1").Value = "Percent\_Change"

Current.Range("M1").Value = "Total\_Volume"

Current.Range("J1:M1").Font.Bold = True

'Make LastRow check the rows for the sheet

Dim LastRow As Long

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

'MsgBox LastRow check

'Loop through tickers

For i = 2 To LastRow

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

'Define ticker cells

Ticker = Current.Cells(i, 1).Value

'Define running total for total stock vol

Volume = Volume + Current.Cells(i, 7).Value

'Define opening value as first <open> value displayed per ticket

Opening = Current.Cells(start, 3).Value

'progress the start with ticker changing

start = i + 1

'Define close value as last row

Closing = Current.Cells(i, 6).Value

'Define formula for yearly change

Yearly\_change = (Closing - Opening)

'Change colors red for negative and green for positive

If Yearly\_change < 0 Then

Current.Cells(summary\_row, 11).Interior.ColorIndex = 3

Else

Current.Cells(summary\_row, 11).Interior.ColorIndex = 4

End If

'Define formula for percent change

'Percent\_change = (Closing - Opening) / Opening

'Fix Problem with 0 opening value

If Opening <> 0 Then

Percent\_change = (Closing - Opening) / Opening

ElseIf Opening = 0 Then

MsgBox ("Open value is zero for " + Ticker + ". Percent change cannot be calculated and will be set to 0 by default.")

Percent\_change = 0

End If

'Update summary table

Current.Cells(summary\_row, 10).Value = Ticker

Current.Cells(summary\_row, 11).Value = Yearly\_change

Current.Cells(summary\_row, 12).Value = Percent\_change

Current.Cells(summary\_row, 12).NumberFormat = ("0.00%")

Current.Cells(summary\_row, 13).Value = Volume

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

'Reset running total

Volume = 0

'move to the next summary row

summary\_row = summary\_row + 1

Else

'running total for total volume

Volume = Volume + Current.Cells(i, 7).Value

End If

Next i

'Bonus

'Make summary table

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

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

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

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

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

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

Dim Greatest\_increase As Double

Dim Greatest\_decrease As Double

Dim Greatest\_total\_volume As Double

'Find greatest increase with large function

Greatest\_increase = Application.WorksheetFunction.Large(Current.Range("L:L"), 1)

Current.Cells(2, 17).Value = Greatest\_increase

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

'Find greatest decrease with min function

Greatest\_decrease = Application.WorksheetFunction.Min(Current.Range("L:L"))

Current.Cells(3, 17).Value = Greatest\_decrease

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

'Find greatest total volume with large function

Greatest\_total\_volume = Application.WorksheetFunction.Large(Current.Range("M:M"), 1)

Current.Cells(4, 17).Value = Greatest\_total\_volume

'Index/Match to find the ticker symbol associated with each value

Current.Range("P2") = "=Index(J:J, match(Q2,L:L,0))"

Current.Range("P3") = "=Index(J:J, match(Q3,L:L,0))"

Current.Range("P4") = "=Index(J:J, match(Q4,M:M,0))"

Next Current

End Sub