Sub VBA\_Homework()

'Adding All Worksheets

For Each ws In Worksheets

'Variables

Dim Ticker As String

Dim YC As Double

Dim PC As Double

Dim TSV As Double

TSV = 0

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

Dim OpenPrice As Double

Dim ClosePrice As Double

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

'Column Headers & Cell Labels

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

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

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

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

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

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

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

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

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

'Fit Columns

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

'Loop

For x = 2 To lastrow

If ws.Cells(x, 1).Value <> ws.Cells(x - 1, 1).Value Then

OpenPrice = ws.Cells(x, 3).Value

End If

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

Ticker = ws.Cells(x, 1).Value

TSV = TSV + ws.Cells(x, 7).Value

ws.Range("I" & Summary\_Table\_Row).Value = Ticker

ws.Range("L" & Summary\_Table\_Row).Value = TSV

ws.Range("L" & Summary\_Table\_Row).NumberFormat = "#,##0"

ClosePrice = ws.Cells(x, 6).Value

YC = ClosePrice - OpenPrice

ws.Range("J" & Summary\_Table\_Row).Value = YC

ws.Range("J" & Summary\_Table\_Row).NumberFormat = "$0.00"

If YC < 0 Then

ws.Range("J" & Summary\_Table\_Row).Interior.ColorIndex = 3

ElseIf YC > 0 Then

ws.Range("J" & Summary\_Table\_Row).Interior.ColorIndex = 4

End If

If OpenPrice = 0 Then

PC = 0

Else

PC = YC / OpenPrice

End If

ws.Range("K" & Summary\_Table\_Row).Value = PC

ws.Range("K" & Summary\_Table\_Row).NumberFormat = "0.00%"

Summary\_Table\_Row = Summary\_Table\_Row + 1

TSV = 0

Else

TSV = TSV + ws.Cells(x, 7).Value

End If

Next x

'Bonus Variables

columnk = ws.Range("K2:K" & lastrow)

columnL = ws.Range("L2:L" & lastrow)

Max = Application.WorksheetFunction.Max(columnk)

Min = Application.WorksheetFunction.Min(columnk)

MaxVol = Application.WorksheetFunction.Max(columnL)

ws.Range("P2") = Max

ws.Range("P2").NumberFormat = "0.00%"

ws.Range("P3") = Min

ws.Range("P3").NumberFormat = "0.00%"

ws.Range("P4") = MaxVol

ws.Range("P4").NumberFormat = "#,##0"

For x = 2 To lastrow

If ws.Cells(x, 11).Value = Max Then

ws.Range("O2").Value = ws.Cells(x, 9).Value

ElseIf ws.Cells(x, 11).Value = Min Then

ws.Range("O3").Value = ws.Cells(x, 9).Value

ElseIf ws.Cells(x, 12).Value = MaxVol Then

ws.Range("O4").Value = ws.Cells(x, 9).Value

End If

Next x

Next ws

End Sub