Sub Stock\_Market():

'Go through Each Worsheet

For Each ws In Worksheets

'Assign Variables to each of the Variables and assign Starting values

Dim Ticker As String

Dim Yearly\_Change As Double

Yearly\_Change = 0

Dim Percent\_Change As Double

Percent\_Change = 0

Dim Total\_Stock\_Volume As Double

Total\_Stock\_Volume = 0

Dim Summary\_Table\_Row As Long

Summary\_Table\_Row = 2

Dim LastRow As Long

Dim Sopen As Double

Dim SClose As Double

ws.Columns("A:Q").AutoFit

'Assign Ranges For Summary Table Row

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

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

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

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

'Determine where the Last Row Is

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

'Start loop 1

For i = 2 To LastRow

'Calculate Total\_Volume

Total\_Stock\_Volume = Total\_Stock\_Volume + ws.Cells(i, 7)

'Validate that we are remianing within the same stock name

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

'Create Definitions for calculations of Summary Data and Bonus

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

Sopen = ws.Cells(i, 3)

SClose = ws.Cells(i, 6)

Yearly\_Change = SClose - Sopen

'End Loop 1

'Set Up the Summary\_Table\_Row

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

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

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

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

ws.Range("L" & Summary\_Table\_Row).Value = Total\_Stock\_Volume

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

Total\_Stock\_Volume = 0

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

'Start Loop 2

If Sopen = 0 Then

Percent\_Change = 0

Else

Percent\_Change = (Yearly\_Change / Sopen)

End If

'End Loop 2

'Start Loop 3

'Develop Conditional Formatting

If Range("J" & Summary\_Table\_Row).Value >= 0 Then

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

Else

If ws.Range("J" & Summary\_Table\_Row).Value < 0 Then

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

'End Loop 3

End If

'Declare Bonuses

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

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

Cells(2, 14).Value = "Greatest % Increase"

Cells(3, 14).Value = "Greatest % Decrease"

Cells(4, 14).Value = "Greatest Total Volume"

End If

'Else ' condition is false

End If

Next i

Next ws

End Sub