Sub stock()

' Loop through each worksheet

For Each ws In Worksheets

' Set an initial variable for holding the ticker symbol

Dim Ticker\_Symbol As String

Dim WorksheetNams As String

' Grabbed the WorksheetName

WorksheetName = ws.Name

' Set an initial variable for holding the price change

Dim Opening\_Price As Double

Opening\_Price = 0

Dim Closing\_Price As Double

Closing\_Price = 0

Dim Price\_Change As Double

Price\_Change = 0

Dim Percentage\_Change As Double

Percentage\_Change = 0

Dim Total\_Vol As Double

Total\_Volume = 0

' Find the last row and last column in the sheet that contains data

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

LastCol = ws.Cells(1, Columns.Count).End(xlToLeft).Column

' Keep track of the price change for each ticker symbol in the summary table

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

ws.Cells(1, LastCol + 2).Value = "Year"

ws.Cells(1, LastCol + 3).Value = "Ticker Symbol"

ws.Cells(1, LastCol + 4).Value = "Price Difference"

ws.Cells(1, LastCol + 5).Value = "Percentage Change"

ws.Cells(1, LastCol + 6).Value = "Total Stock Volume"

Opening\_Price = ws.Cells(2, 3).Value

' Loop through all ticker prices

For i = 2 To LastRow ' LastRow

' Check if we are still within the same ticker symbol

' if it is not...

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

' Print the Worksheet name in hte Summary Table Column I

ws.Cells(Summary\_Table\_Row, LastCol + 2).Value = WorksheetName

' Set the ticker symbol

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

' Find the closing price

Closing\_Price = ws.Cells(i, 6).Value

' Difference between the opening and closing price

Price\_Change = Closing\_Price - Opening\_Price

' Percentage change by end of the year

If Opening\_Price <> 0 Then

Percentage\_Change = Price\_Change / Opening\_Price

End If

' Total volume of the stock

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

' Print the ticker symbol and price change in the Summary Table column J & K

ws.Cells(Summary\_Table\_Row, LastCol + 3).Value = Ticker\_Symbol

' Print the Price Change to the Summary Table

ws.Cells(Summary\_Table\_Row, LastCol + 4).Value = Price\_Change

'Format the cell simulaneosuly to 2 decimal points and color

ws.Cells(Summary\_Table\_Row, LastCol + 5).Value = FormatPercent(Percentage\_Change, 3)

If ws.Cells(Summary\_Table\_Row, LastCol + 4).Value > 0 Then

ws.Cells(Summary\_Table\_Row, LastCol + 4).Interior.ColorIndex = 4

Else

ws.Cells(Summary\_Table\_Row, LastCol + 4).Interior.ColorIndex = 3

End If

ws.Cells(Summary\_Table\_Row, LastCol + 6).Value = Total\_Volume

' Add one to the summary table row

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

' Reset the Opening and Closing Price

Opening\_Price = ws.Cells(i + 1, 3)

Closing\_Price = 0

Price\_Change = 0

Percentage\_Change = 0

Total\_Volume = 0

' If the cell immediately following a row is the same ticker symbol...

Else

' Add to the Total Volume Change

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

End If

Next i

' Find the greatest increase, greatest decrease and volume of the stock in (LastCol + 5) Column

Dim G\_INCREASE As Double

G\_INCREASE = 0

Dim G\_DECREASE As Double

G\_DECREASE = 0

Dim G\_Volume As Double

G\_Volume = 0

Dim Ticker\_max As String

Dim Ticker\_min As String

Dim Ticker\_Volmax As String

' Find the last row and last column in the summary table that contains data

LastRow\_Summary = ws.Cells(Rows.Count, LastCol + 3).End(xlUp).Row

' Create Summary Table 2

Dim Summary\_Table2\_Row As Integer

Summary\_Table2\_Row = 2

'print Greatest % increase, greatest % decrease, volume in the summary table 2

ws.Range("O2").Value = "Greatest % Increase"

ws.Range("O3").Value = "Greatest % Decrease"

ws.Range("O4").Value = "Greatest Volume"

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

ws.Cells(1, "Q").Value = "Value"

' Loop to check the max and min

For i = 2 To LastRow\_Summary

' Check for the G\_increase max

If ws.Cells(i, LastCol + 5).Value > G\_INCREASE Then

G\_INCREASE = ws.Cells(i, LastCol + 5).Value

Ticker\_max = ws.Cells(i, 10).Value

End If

' Check for min

If ws.Cells(i, LastCol + 5).Value < G\_DECREASE Then

G\_DECREASE = ws.Cells(i, LastCol + 5).Value

Ticker\_min = ws.Cells(i, 10).Value

End If

' find stock with max volume

If ws.Cells(i, 13).Value > G\_Volume Then

G\_Volume = ws.Cells(i, 13).Value

Ticker\_Volmax = ws.Cells(i, 10).Value

End If

Next i

'print the MIN AND MAX

ws.Cells(2, 17).Value = FormatPercent(G\_INCREASE, 3)

ws.Cells(3, 17).Value = FormatPercent(G\_DECREASE, 3)

ws.Cells(4, 17).Value = G\_Volume

ws.Cells(2, 16).Value = Ticker\_max

ws.Cells(3, 16).Value = Ticker\_min

ws.Cells(4, 16).Value = Ticker\_Volmax

Next ws

MsgBox ("Work is Done")

End Sub