Sub Stocks()

For Each ws In Worksheets

'Definitions and Starting Values:

Dim Ticker\_Letter As String

Dim Starting\_Price As Double

Starting\_Price = 0

Dim C\_Pointer As Double

C\_Pointer = 2

Dim Ending\_Price As Double

Ending\_Price = 0

Dim Ticker\_Total As Double

Ticker\_Total = 0

Dim Price\_Change As Double

Price\_Change = 0

Dim Percent\_Change As Double

Percent\_Change = 0

'Title Summary Table

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

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

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

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

'Title Greatest Change Table

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

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

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

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

ws.Range("Q1").Value = "Value"

' Keep track of the location for each ticker letter in the summary table

Dim Summary\_Table\_Row As Integer

Summary\_Table\_Row = 2

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

' Loop through all stock updates

For i = 2 To lastrow

'Check if we are still within the same ticker, if it is not...

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

'Ticker\_Total = Ticker\_Total + ws.Cells(i, 7).Value

'If Ticker\_Total = 0 Then

' Set the Ticker Letter

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

'Hold Ending Price

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

' Add to the Ticker Total

Ticker\_Total = Ticker\_Total + ws.Cells(i, 7).Value

' Calculate the difference from start of year to end of year

Price\_Change = Ending\_Price - Starting\_Price

'Calculate the percent change from start of year to end of year

Percent\_Change = Round((Price\_Change / Starting\_Price \* 100), 3)

'Print Ranges:

'Print the Ticker Letter in the Summary Table

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

'Print the Price Change in the Summary Table

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

'Print the Percent Change in the Summary Table

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

'Print the Letter Total to the Summary Table

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

'End If

'Colors the summary table based on gain or loss

If Price\_Change > 0 Then

ws.Cells(Summary\_Table\_Row, "J").Interior.ColorIndex = 4

ws.Cells(Summary\_Table\_Row, "J").Font.ColorIndex = 1

ElseIf Price\_Change < 0 Then

' ws.Cells(Summary\_Table\_Row, "J").Interior.ColorIndex = 3

ws.Cells(Summary\_Table\_Row, "J").Font.ColorIndex = 1

Else

ws.Cells(Summary\_Table\_Row, "J").Interior.ColorIndex = 2

ws.Cells(Summary\_Table\_Row, "J").Font.ColorIndex = 1

End If

'Add one to the summary table row

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

'Reset the Ticker Total

Ticker\_Total = 0

C\_Pointer = i + 1

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

Else

' Add to the Ticker Total

Ticker\_Total = Ticker\_Total + ws.Cells(i, 7).Value

Starting\_Price = ws.Cells(C\_Pointer, "C").Value

End If

Next i

summary\_lastrow = ws.Cells(Rows.Count, "K").End(xlUp).Row

'Worksheet function MAX returns the largest value in a range

Dim Greatest\_percent\_increase As Double

Dim Greatest\_percent\_decrease As Double

Dim Greatest\_Total As Double

Dim Greatest\_Change\_Ticker\_Letter As String

Greatest\_percent\_increase = 0

Greatest\_percent\_decrease = 0

Greatest\_Total = 0

For Row = 2 To summary\_lastrow

If ws.Cells(Row, "K").Value > Greatest\_percent\_increase Then

Greatest\_percent\_increase = ws.Cells(Row, "K").Value

Greatest\_Change\_Ticker\_Letter = ws.Cells(Row, "I").Value

End If

Next Row

ws.Range("Q2").Value = Greatest\_percent\_increase

ws.Range("P2").Value = Greatest\_Change\_Ticker\_Letter

For Row = 2 To summary\_lastrow

If ws.Cells(Row, "K").Value < Greatest\_percent\_decrease Then

Greatest\_percent\_decrease = ws.Cells(Row, "K").Value

Greatest\_Change\_Ticker\_Letter = ws.Cells(Row, "I").Value

End If

Next Row

ws.Range("Q3").Value = Greatest\_percent\_decrease

ws.Range("P3").Value = Greatest\_Change\_Ticker\_Letter

For Row = 2 To summary\_lastrow

If ws.Cells(Row, "L").Value > Greatest\_Total Then

Greatest\_Total = ws.Cells(Row, "L").Value

Greatest\_Change\_Ticker\_Letter = ws.Cells(Row, "I").Value

End If

Next Row

ws.Range("Q4") = Greatest\_Total

ws.Range("P4") = Greatest\_Change\_Ticker\_Letter

'To Do:

'C\_Pointer reset is causing overflow error\*\*\*\*\*\*\*\*\*\*\*\*\*

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

Next ws

End Sub