Sub Ticker()

' Set MainWs as variable

Dim MainWs As Worksheet

' Loop through all worksheets

For Each MainWs In Worksheets

'Insert data using Range and set as column headers

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

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

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

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

' Set variables

Dim Ticker As String

Ticker = " "

Dim Open\_Price As Double

Open\_Price = 0

Dim Close\_Price As Double

Close\_Price = 0

Dim Ticker\_Volume As Double

Ticker\_Volume = 0

Dim Yearly\_Change As Double

Yearly\_Change = 0

Dim Percent\_Change As Double

Percent\_Change = 0

Dim Inc\_Ticker As String

Inc\_Ticker = " "

Dim Inc\_Percent As Double

Inc\_Percent = 0

Dim Dec\_Ticker As String

Dec\_Ticker = " "

Dim Dec\_Percent As Double

Dec\_Percent = 0

Dim Greatest\_Volume\_Ticker As String

Greatest\_Volume\_Ticker = " "

Dim Greatest\_Volume As Double

Greatest\_Volume = 0

' Set location for variables

Dim Summary\_Table\_Row As Long

Summary\_Table\_Row = 2

' Set rows looping through last row of all sheets

Dim Lastrow As Long

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

' Set open price for first ticker of MainWs

Open\_Price = MainWs.Cells(2, 3).Value

' Loop from the top of MainWs until last row

For i = 2 To Lastrow

'Check if still on same ticker

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

' Set ticker

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

' Calculate Close\_Price, Yearly\_Change, Percent\_Change

Close\_Price = MainWs.Cells(i, 6).Value

Yearly\_Change = Close\_Price - Open\_Price

Percent\_Change = (Yearly\_Change / Open\_Price) \* 100

' Set ticker volume

Ticker\_Volume = Ticker\_Volume + MainWs.Cells(i, 7).Value

' Print the ticker name in the Summary Table

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

' Print yearly change in the Summary Table

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

' Color fill yearly change; green pos, red neg

If (Yearly\_Change > 0) Then

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

ElseIf (Yearly\_Change <= 0) Then

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

End If

' Print yearly change as percent in Summary Table

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

' Print ticker volume in Summary Table

MainWs.Range("L" & Summary\_Table\_Row).Value = Ticker\_Volume

' Add 1 to summary table row

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

' Open price calculation

Open\_Price = MainWs.Cells(i + 1, 3).Value

' Greatest table calculations

If (Percent\_Change > Inc\_Percent) Then

Inc\_Percent = Percent\_Change

Inc\_Ticker = Ticker

ElseIf (Percent\_Change < Dec\_Percent) Then

Dec\_Percent = Percent\_Change

Dec\_Ticker = Ticker

End If

If (Ticker\_Volume > Greatest\_Volume) Then

Greatest\_Volume = Ticker\_Volume

Greatest\_Volume\_Ticker = Ticker

End If

' Reset to zero

Percent\_Change = 0

Ticker\_Volume = 0

'Else next Ticker volume

Else

Ticker\_Volume = Ticker\_Volume + MainWs.Cells(i, 7).Value

End If

Next i

' Print values in cells listed

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

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

MainWs.Range("O4").Value = "Greatest Total Volume"

MainWs.Range("P2").Value = Inc\_Ticker

MainWs.Range("P3").Value = Dec\_Ticker

MainWs.Range("P4").Value = Greatest\_Volume\_Ticker

MainWs.Range("Q2").Value = (CStr(Inc\_Percent) & "%")

MainWs.Range("Q3").Value = (CStr(Dec\_Percent) & "%")

MainWs.Range("Q4").Value = Greatest\_Volume

Next MainWs

End Sub