Sub stock\_analytics\_moderate()

' Initialize the first worksheet

Dim ws As Worksheet

Dim starting\_ws As Worksheet

Set starting\_ws = ActiveSheet

' Begin Worksheet loop

For Each ws In ThisWorkbook.Worksheets

ws.Activate

' Set an initial variable for holding the ticker symbol

Dim Ticker\_Symbol As String

' Set an initial variable for holding the total per annual volume per ticker symbol

Dim Total\_Volume As LongLong

Total\_Volume = 0

' Set an initial variable for holding the first closing price per ticker symbol

Dim First\_Close As Double

' Set initial value of first closing price for first ticker symbol

First\_Close = ws.Cells(2, 6).Value

' Set a variable for holding the last closing price per ticker symbol

Dim Last\_Close As Double

' Set variables for holding the year-to-date change in price and percentage change per ticker symbol

Dim Price\_Change As Double

Dim Percent\_Change As Double

' Keep track of the location for each ticker in the stock table

Dim Summary\_Table\_Row As LongLong

Summary\_Table\_Row = 2

' Set number of rows required to loop through

Dim numrows As Long

numrows = ws.Range("A1", ws.Range("A1").End(xlDown)).Rows.Count

' Loop through all ticker symbol rows

For i = 2 To numrows

' Check if we are still within the same ticker symbol

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

' Set the ticker symbol

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

' Set the last closing price

Last\_Close = ws.Cells(i, 6).Value

' Add to the Total Volume

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

' Calculate the price change and percentage change in price for the year for each ticker symbol

Price\_Change = Last\_Close - First\_Close

Percent\_Change = (Price\_Change / (First\_Close + 0.001))

' Print the Ticker Symbol in the Summary Table

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

' Print the price change, percentage change in price and Total Volume in the Summary Table

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

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

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

' Reformat the results for before printing placing in the Summary Table

' based on whether change is positive or negative

If Price\_Change < zero Then

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

Else

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

End If

' change number format of summary rows

ws.Range("J" & Summary\_Table\_Row).NumberFormat = "0.00000000"

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

' Add one to the summary table row

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

' Reset the Total Volume

Total\_Volume = 0

' Reset the first closing price for the next ticker symbol on the list

First\_Close = ws.Cells(i + 1, 6).Value

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

Else

' Add to the Total Volume

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

End If

Next i

Next

' Reset the program to run again for the next user...

starting\_ws.Activate

End Sub