VBA OF WALLSTREET

Sub stock\_analysis():  
  ' Set dimensions  
  Dim total As Double  
  Dim i As Long  
  Dim change As Single  
  Dim j As Integer  
  Dim start As Long  
  Dim rowCount As Long  
  Dim percentChange As Single  
  Dim days As Integer  
  Dim dailyChange As Single  
  Dim averageChange As Single  
  Dim ws As Worksheet  For Each ws In Worksheets  ' Set initial values  
  j = 0  
  total = 0  
  change = 0  
  start = 2  ' Set title row  
  ws.Range("I1").Value = "Ticker"  
  ws.Range("J1").Value = "Yearly Change"  
  ws.Range("K1").Value = "Percent Change"  
  ws.Range("L1").Value = "Total Stock Volume"  ' get the row number of the last row with data  
  rowCount = Cells(Rows.Count, "A").End(xlUp).Row  For i = 2 To rowCount      ' If ticker changes then print results  
      If ws.Cells(i + 1, 1).Value <> ws.Cells(i, 1).Value Then  
          ' Stores results in variables  
          total = total + ws.Cells(i, 7).Value  
          ' Handle zero total volume  
          If total = 0 Then  
              ' print the results  
              ws.Range("I" & 2 + j).Value = ws.Cells(i, 1).Value  
              ws.Range("J" & 2 + j).Value = 0  
              ws.Range("K" & 2 + j).Value = "%" & 0  
              ws.Range("L" & 2 + j).Value = 0  
          Else  
              ' Find First non zero starting value  
              If ws.Cells(start, 3) = 0 Then  
                  For find\_value = start To i  
                      If ws.Cells(find\_value, 3).Value <> 0 Then  
                          start = find\_value  
                          Exit For  
                      End If  
                   Next find\_value  
              End If  
              ' Calculate Change  
              change = (ws.Cells(i, 6) - ws.Cells(start, 3))  
              percentChange = Round((change / ws.Cells(start, 3) \* 100), 2)  
              ' start of the next stock ticker  
              start = i + 1  
              ' print the results  
              ws.Range("I" & 2 + j).Value = ws.Cells(i, 1).Value  
              ws.Range("J" & 2 + j).Value = Round(change, 2)  
              ws.Range("K" & 2 + j).Value = "%" & percentChange  
              ws.Range("L" & 2 + j).Value = total  
              Select Case change  
                       Case Is > 0  
                           ws.Range("J" & 2 + j).Interior.ColorIndex = 4  
                       Case Is < 0  
                           ws.Range("J" & 2 + j).Interior.ColorIndex = 3  
                       Case Else  
                           ws.Range("J" & 2 + j).Interior.ColorIndex = 0  
                   End Select  
            End If  
          ' reset variables for new stock ticker  
          total = 0  
          change = 0  
          j = j + 1  
          days = 0      Else  
          total = total + ws.Cells(i, 7).Value  
      End If  
      Next i      'End If  
Next ws  
End Sub