Sub AllStocksAnalysisRefactored()

Dim startTime As Single

Dim endTime As Single

yearValue = InputBox("What year would you like to run the analysis on?")

startTime = Timer

**'Format the output sheet on All Stocks Analysis worksheet**

Worksheets("All Stocks Analysis").Activate

Range("A1").Value = "All Stocks (" + yearValue + ")"

**'Create a header row**

Cells(3, 1).Value = "Ticker"

Cells(3, 2).Value = "Total Daily Volume"

Cells(3, 3).Value = "Return"

**'Initialize array of all tickers**

Dim tickers(12) As String

tickers(0) = "AY"

tickers(1) = "CSIQ"

tickers(2) = "DQ"

tickers(3) = "ENPH"

tickers(4) = "FSLR"

tickers(5) = "HASI"

tickers(6) = "JKS"

tickers(7) = "RUN"

tickers(8) = "SEDG"

tickers(9) = "SPWR"

tickers(10) = "TERP"

tickers(11) = "VSLR"

**'Activate data worksheet (1move after 1B?)**

Worksheets(yearValue).Activate

**'Get the number of rows to loop over (2 move after 1B?)**

RowCount = Cells(Rows.Count, "A").End(xlUp).Row

**'1a) Create a ticker Index**

Dim tickerIndex As Long

tickerIndex = 0

**'1b) Create three output arrays**

Dim tickerVolumes As Long

Dim tickerStartingPrices As Single

Dim tickerEndingPrices As Single

**''2a) Create a for loop to initialize the tickerVolumes to zero.**

For i = 0 to 11

ticker = tickers(i)

tickerVolumes = 0

Next i

**'2b) Loop over all the rows in the spreadsheet.**

Worksheet(yearValue).Activate

For j = 2 To RowCount

**'3a) Increase volume for current ticker**

tickerVolumes(tickerIndex) = tickerVolumes(tickerIndex) + Cells(i, 8).Value

**'3b)** **Check if the current row is the first row with the selected tickerIndex.**

**'If Then**

If Cells(j – 1, 1).Value <> tickerIndex and Cells(j, 1).Value = tickerIndex Then

tickerStartingPrices = Cells(j, 6).Value

**'End If**

**'3c) check if the current row is the last row with the selected ticker**

**'If the next row‚Äôs ticker doesn‚Äôt match, increase the tickerIndex.**

**'If Then**

If Cells(j + 1, 1).Value <> tickerIndex And Cells(j, 1).Value = tickerIndex Then

tickerEndingPrices = Cells(j, 6).Value

**'3d Increase the tickerIndex.**

If Cells(j + 1,1).Value = tickerIndex And Cells(j, 1).Value <> tickerIndex Then

tickerIndex = j + 1

**'End If**

Next j

**'4) Loop through your arrays to output the Ticker, Total Daily Volume, and Return.**

For i = 0 To 11

Worksheets("All Stocks Analysis").Activate

Cells(4 + i, 1).Value = tickers

Cells(4 + i, 2).Value = tickerVolumes

Cells(4 + I, 3).Value = tickerEndingPrices / tickerStartingPrices - 1

Next i

**'Formatting**

Worksheets("All Stocks Analysis").Activate

Range("A3:C3").Font.FontStyle = "Bold"

Range("A3:C3").Borders(xlEdgeBottom).LineStyle = xlContinuous

Range("B4:B15").NumberFormat = "#,##0"

Range("C4:C15").NumberFormat = "0.0%"

Columns("B").AutoFit

dataRowStart = 4

dataRowEnd = 15

For i = dataRowStart To dataRowEnd

If Cells(i, 3) > 0 Then

Cells(i, 3).Interior.Color = vbGreen

ElseIf Cells(I, 3) < 0 Then

Cells(i, 3).Interior.Color = vbRed

End If

Next i

endTime = Timer

MsgBox (("This code ran in " & (“endTime” – “startTime") & " seconds for the year " & (yearValue))

End Sub