Sub AllStockAnalysiss()

Dim startTime As Single

Dim endTime As Single

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

startTime = Timer

'1.Format the output sheet on the "All Stocks Analysis" worksheet.

Worksheets("All Stocks2018").Activate

Range("A1").value = "All Stocks (2018)"

'Create a header row

Cells(3, 1).value = "Year"

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

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

'2.Initialize an 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"

'3a.Initialize variables for the starting price and ending price.

Dim startingPrice As Single

Dim endingPrice As Single

'3b.Activate the data worksheet.

Worksheets("2018").Activate

'3c.Find the number of rows to loop over.

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

'4.Loop through the tickers.

For i = 0 To 11

ticker = tickers(i)

totalVolume = 0

'5.Loop through rows in the data.

Worksheets("2018").Activate

For j = 2 To RowCount

'5a.Find the total volume for the current ticker.

If Cells(j, 1).value = ticker Then

totalVolume = totalVolume + Cells(j, 8).value

End If

'5b.Find the starting price for the current ticker.

If Cells(j - 1, 1).value <> ticker And Cells(j, 1).value = ticker Then

startingPrice = Cells(j, 6).value

End If

'5c.Find the ending price for the current ticker.

If Cells(j + 1, 1).value <> ticker And Cells(j, 1).value = ticker Then

endingPrice = Cells(j, 6).value

End If

Next j

'6.Output the data for the current ticker.

Worksheets("All Stocks2018").Activate

Cells(4 + i, 1).value = ticker

Cells(4 + i, 2).value = totalVolume

Cells(4 + i, 3).value = (endingPrice / startingPrice) - 1

Next i

endTime = Timer

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

End Sub