

```

1 Sub AllStocksAnalysisRefactored()
2     Dim startTime As Single
3     Dim endTime As Single
4
5     yearValue = InputBox("What year would you like to run the analysis on?")
6
7     startTime = Timer
8
9     'Format the output sheet on All Stocks Analysis worksheet
10    Worksheets("All Stocks Analysis").Activate
11
12    Range("A1").Value = "All Stocks (" + yearValue + ")"
13
14    'Create a header row
15    Cells(3, 1).Value = "Ticker"
16    Cells(3, 2).Value = "Total Daily Volume"
17    Cells(3, 3).Value = "Return"
18
19    'Initialize array of all tickers
20    Dim tickers(12) As String
21
22    tickers(0) = "AY"
23    tickers(1) = "CSIQ"
24    tickers(2) = "DQ"
25    tickers(3) = "ENPH"
26    tickers(4) = "FSLR"
27    tickers(5) = "HASI"
28    tickers(6) = "JKS"
29    tickers(7) = "RUN"
30    tickers(8) = "SEDG"
31    tickers(9) = "SPWR"
32    tickers(10) = "TERP"
33    tickers(11) = "VSLR"
34
35    'Activate data worksheet
36    Worksheets(yearValue).Activate
37
38    'Get the number of rows to loop over
39    RowCount = Cells(Rows.Count, "A").End(xlUp).Row
40
41    '1a) Create a ticker Index
42
43
44    '1b) Create three output arrays
45
46
47    ''2a) Create a for loop to initialize the tickerVolumes to zero.
48
49
50    ''2b) Loop over all the rows in the spreadsheet.
51    For i = 2 To RowCount
52
53        '3a) Increase volume for current ticker
54
55
56        '3b) Check if the current row is the first row with the selected tickerIndex.
57        'If Then
58
59
60
61        'End If
62
63        '3c) check if the current row is the last row with the selected ticker
64        'If the next row's ticker doesn't match, increase the tickerIndex.
65        'If Then
66
67
68
69        '3d Increase the tickerIndex.

```

```
70
71
72     'End If
73
74 Next i
75
76 '4) Loop through your arrays to output the Ticker, Total Daily Volume, and Return.
77 For i = 0 To 11
78
79     Worksheets("All Stocks Analysis").Activate
80
81
82 Next i
83
84 'Formatting
85 Worksheets("All Stocks Analysis").Activate
86 Range("A3:C3").Font.FontStyle = "Bold"
87 Range("A3:C3").Borders(xlEdgeBottom).LineStyle = xlContinuous
88 Range("B4:B15").NumberFormat = "#,##0"
89 Range("C4:C15").NumberFormat = "0.0%"
90 Columns("B").AutoFit
91
92 dataRowStart = 4
93 dataRowEnd = 15
94
95 For i = dataRowStart To dataRowEnd
96
97     If Cells(i, 3) > 0 Then
98
99         Cells(i, 3).Interior.Color = vbGreen
100
101     Else
102
103         Cells(i, 3).Interior.Color = vbRed
104
105     End If
106
107 Next i
108
109 endTime = Timer
110 MsgBox "This code ran in " & (endTime - startTime) & " seconds for the year " &
    (yearValue)
111
112 End Sub
```