

PromptScratchpadOur Solution(s)Video ExplanationRun Code

Solution 1Solution 2Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 ▼ import java.util.*;
4
5 ▼ class Program {
6     // O(n^2) time | O(n) space - where n is the length of the array
7     ▼ public static List<Integer> rightSmallerThan(List<Integer> array) {
8         List<Integer> rightSmallerCounts = new ArrayList<Integer>();
9         ▼ for (int i = 0; i < array.size(); i++) {
10             int rightSmallerCount = 0;
11             ▼ for (int j = i + 1; j < array.size(); j++) {
12                 ▼ if (array.get(j) < array.get(i)) {
13                     rightSmallerCount++;
14                 }
15             }
16             rightSmallerCounts.add(rightSmallerCount);
17         }
18         return rightSmallerCounts;
19     }
20 }
21
```

