

Prompt	Scratchpad	Our Solution(s)	Video Explanation	Run Code
--------	------------	-----------------	-------------------	----------

Solution 1

Solution 2

Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using namespace std;
4
5 // O(n^2) time | O(n) space - where n is the length of the array
6 ▼ vector<int> rightSmallerThan(vector<int> array) {
7     vector<int> rightSmallerCounts = {};
8     ▼ for (int i = 0; i < array.size(); i++) {
9         int rightSmallerCount = 0;
10    ▼     for (int j = i + 1; j < array.size(); j++) {
11         if (array[j] < array[i])
12             rightSmallerCount++;
13     }
14     rightSmallerCounts.push_back(rightSmallerCount);
15 }
16 return rightSmallerCounts;
17 }
```

