

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 // O(n*n!) time | O(n*n!) space
4 function getPermutations(array) {
5   const permutations = [];
6   permutationsHelper(0, array, permutations);
7   return permutations;
8 }
9
10 function permutationsHelper(i, array, permutations) {
11   if (i === array.length - 1) {
12     permutations.push(array.slice());
13   } else {
14     for (let j = i; j < array.length; j++) {
15       swap(i, j, array);
16       permutationsHelper(i + 1, array, permutations);
17       swap(i, j, array);
18     }
19   }
20 }
21
22 function swap(i, j, array) {
23   const temp = array[i];
24   array[i] = array[j];
25   array[j] = temp;
26 }
27
28 exports.getPermutations = getPermutations;
29
```

Solution 1

Solution 2

Solution 3

```
1 function getPermutations(array) {
2   // Write your code here.
3 }
4
5 // Do not edit the line below.
6 exports.getPermutations = getPermutations;
7
```

Custom Output

Raw Output

Submit Code

Run or submit code when you're ready.