

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2

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

Solution 1Solution 2Solution 3

```
1 import java.util.*;
2
3 class Program {
4     public static List<List<Integer>> powerset(List<Integer> array) {
5         // Write your code here.
6         return null;
7     }
8 }
9
```

Run or submit code when you're ready.