

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 // O(n*2^n) time | O(n*2^n) space
6 func Powerset(array []int) [][]int {
7     return powerset(array, len(array)-1)
8 }
9
10 func powerset(array []int, index int) [][]int {
11     if index < 0 {
12         return [][]int{{}}
13     }
14     subsets := powerset(array, index-1)
15     ele := array[index]
16     length := len(subsets)
17     for i := 0; i < length; i++ {
18         currentSubset := subsets[i]
19         newsubset := append([]int{}, currentSubset...)
20         newsubset = append(newsubset, ele)
21         subsets = append(subsets, newsubset)
22     }
23     return subsets
24 }
25
```

Solution 1

Solution 2

Solution 3

```
1 package main
2
3 func Powerset(array []int) [][]int {
4     // Write your code here.
5     return nil
6 }
7
```

Custom Output

Raw Output

Submit Code

**Run or submit code when you're ready.**