Our Solution(s)   Run Code

Solution 1   Solution 2

```javascript
1  // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3  // O(n*2^n) time | O(n*2^n) space
4  function powerset(array, idx = null) {
5    if (idx === null) {
6      idx = array.length - 1;
7    }
8    if (idx < 0) {
9      return [[]];
10   }
11   const ele = array[idx];
12   const subsets = powerset(array, idx - 1);
13   const length = subsets.length;
14   for (let i = 0; i < length; i++) {
15     const currentSubset = subsets[i];
16     subsets.push(currentSubset.concat(ele));
17   }
18   return subsets;
19 }
20
21 exports.powerset = powerset;
22
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

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

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```

Custom Output   Raw Output   Submit Code