

Our Solution(s)

Run Code

Solution 1Solution 2

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

Your Solutions

Run Code

Solution 1Solution 2Solution 3

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

Our Tests

Custom Output

Submit Code

```

10  # Print out the first 10 elements of the list
11  print(my_list[0:10])
12
13
14  # Print out two elements from the list
15  print(my_list[2], my_list[5])
16
17  # Use slicing to create a list of the first 10 elements
18  first_ten = my_list[:10]
19
20  # Use slicing to create a list of the last 10 elements
21  last_ten = my_list[-10:]
22
23  # Use slicing to create a list of the first 10 elements
24  first_ten = my_list[:10]
25
26  # Use slicing to create a list of the last 10 elements
27  last_ten = my_list[-10:]
28
29  # Use slicing to create a list of the first 10 elements
30  first_ten = my_list[:10]
31
32  # Use slicing to create a list of the last 10 elements
33  last_ten = my_list[-10:]
34
35  # Use slicing to create a list of the first 10 elements
36  first_ten = my_list[:10]
37
38  # Use slicing to create a list of the last 10 elements
39  last_ten = my_list[-10:]
40
41  # Use slicing to create a list of the first 10 elements
42  first_ten = my_list[:10]
43
44  # Use slicing to create a list of the last 10 elements
45  last_ten = my_list[-10:]
46
47  # Use slicing to create a list of the first 10 elements
48  first_ten = my_list[:10]
49
50  # Use slicing to create a list of the last 10 elements
51  last_ten = my_list[-10:]
52
53  # Use slicing to create a list of the first 10 elements
54  first_ten = my_list[:10]
55
56  # Use slicing to create a list of the last 10 elements
57  last_ten = my_list[-10:]
58
59  # Use slicing to create a list of the first 10 elements
60  first_ten = my_list[:10]
61
62  # Use slicing to create a list of the last 10 elements
63  last_ten = my_list[-10:]
64
65  # Use slicing to create a list of the first 10 elements
66  first_ten = my_list[:10]
67
68  # Use slicing to create a list of the last 10 elements
69  last_ten = my_list[-10:]
70
71  # Use slicing to create a list of the first 10 elements
72  first_ten = my_list[:10]
73
74  # Use slicing to create a list of the last 10 elements
75  last_ten = my_list[-10:]
76
77  # Use slicing to create a list of the first 10 elements
78  first_ten = my_list[:10]
79
80  # Use slicing to create a list of the last 10 elements
81  last_ten = my_list[-10:]
82
83  # Use slicing to create a list of the first 10 elements
84  first_ten = my_list[:10]
85
86  # Use slicing to create a list of the last 10 elements
87  last_ten = my_list[-10:]
88
89  # Use slicing to create a list of the first 10 elements
90  first_ten = my_list[:10]
91
92  # Use slicing to create a list of the last 10 elements
93  last_ten = my_list[-10:]
94
95  # Use slicing to create a list of the first 10 elements
96  first_ten = my_list[:10]
97
98  # Use slicing to create a list of the last 10 elements
99  last_ten = my_list[-10:]
100

```

Run or submit code when you're ready.