

Our Solution(s)

Run Code

Solution 1Solution 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     subsets := [][]int{}
8     for _, ele := range array {
9         length := len(subsets)
10        for i := 0; i < length; i++ {
11            currentSubset := subsets[i]
12            newsubset := append([]int{}, currentSubset...)
13            newsubset = append(newsubset, ele)
14            subsets = append(subsets, newsubset)
15        }
16    }
17    return subsets
18 }
19
```

Our Tests

Your Solutions

Run Code

Solution 1Solution 2Solution 3

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

Custom Output

Submit Code

```

18 return 0
19
20
21
22
23
24 def is_prime(n):
25     if n < 2:
26         return False
27     if n == 2:
28         return True
29     if n % 2 == 0:
30         return False
31     for i in range(3, int(n**0.5) + 1, 2):
32         if n % i == 0:
33             return False
34     return True
35
36 def is_prime(n):
37     if n < 2:
38         return False
39     if n == 2:
40         return True
41     if n % 2 == 0:
42         return False
43     for i in range(3, int(n**0.5) + 1, 2):
44         if n % i == 0:
45             return False
46     return True

```

Run or submit code when you're ready.