

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(n) time | O(n) space
5     public static int maxSubsetSumNoAdjacent(int[] array) {
6         if (array.length == 0) {
7             return 0;
8         } else if (array.length == 1) {
9             return array[0];
10        }
11        int[] maxSums = array.clone();
12        maxSums[1] = Math.max(array[0], array[1]);
13        for (int i = 2; i < array.length; i++) {
14            maxSums[i] = Math.max(maxSums[i - 1], maxSums[i - 2] + array[i]);
15        }
16        return maxSums[array.length - 1];
17    }
18 }
19
```

Solution 1Solution 2Solution 3

```
1 class Program {
2     public static int maxSubsetSumNoAdjacent(int[] array) {
3         // Write your code here.
4         return -1;
5     }
6 }
7
```

Run or submit code when you're ready.