

Our Solution(s)

Run Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 // O(n) time | O(n) space
4 function maxSubsetSumNoAdjacent(array) {
5   if (!array.length) return 0;
6   if (array.length === 1) return array[0];
7   const maxSums = array.slice();
8   maxSums[1] = Math.max(array[0], array[1]);
9   for (let i = 2; i < array.length; i++) {
10     maxSums[i] = Math.max(maxSums[i - 1], maxSums[i - 2] + array[i]);
11   }
12   return maxSums[maxSums.length - 1];
13 }
14
15 exports.maxSubsetSumNoAdjacent = maxSubsetSumNoAdjacent;
16
```

Your Solutions

Run Code

Solution 1Solution 2Solution 3

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

Our Tests

Custom Output

Submit Code

