

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using System;
4 public class Program {
5     // O(n) time | O(1) space
6     public static int MaxSubsetSumNoAdjacent(int[] array) {
7         if (array.Length == 0) {
8             return 0;
9         } else if (array.Length == 1) {
10             return array[0];
11         }
12         int second = array[0];
13         int first = Math.Max(array[0], array[1]);
14         for (int i = 2; i < array.Length; i++) {
15             int current = Math.Max(first, second + array[i]);
16             second = first;
17             first = current;
18         }
19         return first;
20     }
21 }
22
```

Solution 1

Solution 2

Solution 3

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

Custom Output

Raw Output

Submit Code

**Run or submit code when you're ready.**

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