AlgoExpert

Quad Layout

12px

Sublime

Solution 1 Solution 2

Monokai

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Prompt

Solution 1

Scratchpad

Solution 2

Our Solution(s)

Video Explanation Run Code

Your Solutions

Run Code

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

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

Solution 3

Run or submit code when you're ready.