Solution 1   Solution 2

```java
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class Program {
  // O(n) time | O(1) space
  public static int maxSubsetSumNoAdjacent(int[] array) {
    if (array.length == 0) {
      return 0;
    } else if (array.length == 1) {
      return array[0];
    }
    int second = array[0];
    int first = Math.max(array[0], array[1]);
    for (int i = 2; i < array.length; i++) {
      int current = Math.max(first, second + array[i]);
      second = first;
      first = current;
    }
    return first;
  }
}
```

Solution 1   Solution 2   Solution 3

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

Our Tests   Custom Output   Submit Code