

Our Solution(s)	Run Code	Your Solutions	Run Code
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Solution 1

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

Solution 1Solution 2Solution 3

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

Run or submit code when you're ready.