

Solution 1

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

Solution 1Solution 2Solution 3

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

Run or submit code when you're ready.