

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 #include <vector>
4 using namespace std;
5
6 // O(n) time | O(1) space
7 int kadanesAlgorithm(vector<int> array) {
8     int maxEndingHere = array[0];
9     int maxSoFar = array[0];
10    for (int i = 1; i < array.size(); i++) {
11        int num = array[i];
12        maxEndingHere = max(num, maxEndingHere + num);
13        maxSoFar = max(maxSoFar, maxEndingHere);
14    }
15    return maxSoFar;
16 }
17
```

Solution 1Solution 2Solution 3

```
1 #include <vector>
2 using namespace std;
3
4 int kadanesAlgorithm(vector<int> array) {
5     // Write your code here.
6     return -1;
7 }
8
```

Run or submit code when you're ready.