

Our Solution(s)

Run Code

Solution 1

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 // O(n) time | O(1) space
6 func KadanesAlgorithm(array []int) int {
7     maxEndingHere := array[0]
8     maxSoFar := array[0]
9     for i := 1; i < len(array); i++ {
10         num := array[i]
11         maxEndingHere = max(num, maxEndingHere+num)
12         maxSoFar = max(maxSoFar, maxEndingHere)
13     }
14     return maxSoFar
15 }
16
17 func max(a int, b int) int {
18     if a > b {
19         return a
20     }
21     return b
22 }
23
```

Our Tests

Your Solutions

Run Code

Solution 1

Solution 2

Solution 3

```
1 package main
2
3 func KadanesAlgorithm(array []int) int {
4     // Write your code here.
5     return -1
6 }
7
```

Custom Output

Submit Code

```

18 report = {
19
20     "github.com/robocorp/robocorp"
21 }
22
23
24 Run in JupyterLab Notebook Environment
25 report["name"] = "RoboCOP"
26 report["url"] = "https://github.com/robocorp/robocorp"
27 report["author"] = "RoboCOP"
28
29
30 Run in JupyterLab Notebook Environment
31 report["name"] = "RoboCOP"
32 report["url"] = "https://github.com/robocorp/robocorp"
33 report["author"] = "RoboCOP"
34
35
36 Run in JupyterLab Notebook Environment
37 report["name"] = "RoboCOP"

```

Run or submit code when you're ready.