

AlgoExpert

Quad Layout

Go

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Sublime

Monokai

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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
```

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

Raw Output

Submit Code

**Run or submit code when you're ready.**