Our Solution(s) Run Code

Solution 1

```go
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package main

// O(n) time | O(1) space
func KadanesAlgorithm(array []int) int {
  maxEndingHere := array[0]
  maxSoFar := array[0]
  for i := 1; i < len(array); i++ {
    num := array[i]
    maxEndingHere = max(num, maxEndingHere+num)
    maxSoFar = max(maxSoFar, maxEndingHere)
  }
  return maxSoFar
}

func max(a int, b int) int {
  if a > b {
    return a
  }
  return b
}

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```go
package main

func KadanesAlgorithm(array []int) int {
  // Write your code here.
  return -1
}

```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.