Our Solution(s)   Run Code

Solution 1

```cpp
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#include <vector>
using namespace std;

// O(n) time | O(1) space
int kadanesAlgorithm(vector<int> array) {
  int maxEndingHere = array[0];
  int maxSoFar = array[0];
  for (int i = 1; i < array.size(); i++) {
    int num = array[i];
    maxEndingHere = max(num, maxEndingHere + num);
    maxSoFar = max(maxSoFar, maxEndingHere);
  }
  return maxSoFar;
}
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```cpp
#include <vector>
using namespace std;

int kadanesAlgorithm(vector<int> array) {
  // Write your code here.
  return -1;
}
```

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.