

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 // O(n) time | O(1) space - where n is the length of the array
4 function isMonotonic(array) {
5   if (array.length <= 2) return true;
6
7   let direction = array[1] - array[0];
8   for (let i = 2; i < array.length; i++) {
9     if (direction === 0) {
10      direction = array[i] - array[i - 1];
11      continue;
12    }
13    if (breaksDirection(direction, array[i - 1], array[i])) {
14      return false;
15    }
16  }
17
18  return true;
19 }
20
21 function breaksDirection(direction, previousInt, currentInt) {
22   const difference = currentInt - previousInt;
23   if (direction > 0) return difference < 0;
24   return difference > 0;
25 }
26
27 exports.isMonotonic = isMonotonic;
28
```

Solution 1

Solution 2

Solution 3

```
1 function isMonotonic(array) {
2   // Write your code here.
3 }
4
5 // Do not edit the line below.
6 exports.isMonotonic = isMonotonic;
7
```

Custom Output

Raw Output

Submit Code

Run or submit code when you're ready.