

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 package main
4
5 // O(n) time | O(1) space - where n is the length of the array
6 func IsMonotonic(array []int) bool {
7     if len(array) <= 2 {
8         return true
9     }
10
11     direction := array[1] - array[0]
12     for i := 2; i < len(array); i++ {
13         if direction == 0 {
14             direction = array[i] - array[i-1]
15             continue
16         }
17
18         if breaksDirection(direction, array[i-1], array[i]) {
19             return false
20         }
21     }
22
23     return true
24 }
25
26 func breaksDirection(direction, previousInt, currentInt int) bool {
27     difference := currentInt - previousInt
28     if direction > 0 {
29         return difference < 0
30     }
31     return difference > 0
32 }
33
```

Solution 1Solution 2Solution 3

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

Custom Output

Raw Output

Submit Code

Run or submit code when you're ready.