Our Solution(s)   Run Code

Solution 1   Solution 2

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

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```java
1  class Program {
2    public static boolean isMonotonic(int[] array) {
3      // Write your code here.
4      return false;
5    }
6  }
7
```

Custom Output   **Raw Output**   Submit Code

Run or submit code when you're ready.

Run or submit code when you're ready.