

Our Solution(s)

Run Code

Solution 1Solution 2

```
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         var isNonDecreasing = true;
7         var isNonIncreasing = true;
8         for (int i = 1; i < array.length; i++) {
9             if (array[i] < array[i - 1]) {
10                 isNonDecreasing = false;
11             }
12             if (array[i] > array[i - 1]) {
13                 isNonIncreasing = false;
14             }
15         }
16
17         return isNonDecreasing || isNonIncreasing;
18     }
19 }
20
```

Your Solutions

Run Code

Solution 1Solution 2Solution 3

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

Our Tests

Custom Output

Submit Code

```

16 @test
17     @testset "test" begin
18         let input = [1, 2, 3]
19         let expected = [1, 2, 3]
20         let actual = Program{collect{typeof(input)}}
21         @test isequal(expected, actual)
22     end
23 end
24
25 @test
26     @testset "test" begin
27         let input = [1, 2, 3]
28         let expected = [1, 2, 3]
29         let actual = Program{collect{typeof(input)}}
30         @test isequal(expected, actual)
31     end
32 end
33
34 @test
35     @testset "test" begin
36         let input = [1, 2, 3]
37         let expected = [1, 2, 3]
38         let actual = Program{collect{typeof(input)}}

```

Run or submit code when you're ready.