

PromptScratchpadOur Solution(s)Video ExplanationRun Code

Your SolutionsRun Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 public class Program {
4     // O(n) time | O(1) space - where n is the length of the array
5     public static bool 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
```

Solution 1Solution 2Solution 3

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

Run or submit code when you're ready.