Our Solution(s)   Run Code

Solution 1   **Solution 2**

```csharp
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public class Program {
  // O(n) time | O(1) space - where n is the length of the array
  public static bool IsMonotonic(int[] array) {
    if (array.Length <= 2) return true;

    var direction = array[1] - array[0];
    for (int i = 2; i < array.Length; i++) {
      if (direction == 0) {
        direction = array[i] - array[i - 1];
        continue;
      }

      if (breaksDirection(direction, array[i - 1], array[i])) {
        return false;
      }
    }
    return true;
  }

  public static bool breaksDirection(int direction, int previous, int current) {
    var difference = current - previous;
    if (direction > 0) return difference < 0;
    return difference > 0;
  }
}
```

Your Solutions   Run Code

Solution 1   **Solution 2**   **Solution 3**

```csharp
public class Program {
  public static bool IsMonotonic(int[] array) {
    // Write your code here.
    return false;
  }
}
```

Custom Output   **Raw Output**   Submit Code

```csharp
public class Program {
  public static bool IsMonotonic(int[] array) {
    // Write your code here.
```