Our Solution(s)   Run Code

Solution 1   Solution 2

```cpp
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using namespace std;

bool breaksDirection(int direction, int previousInt, int currentInt) {
  int difference = currentInt - previousInt;
  if (direction > 0)
    return difference < 0;
  return difference > 0;
}

// O(n) time | O(1) space - where n is the length of the array
bool isMonotonic(vector<int> array) {
  if (array.size() <= 2)
    return true;

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

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

  return true;
}
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```cpp
using namespace std;

bool isMonotonic(vector<int> array) {
  // Write your code here.
  return false;
}
```

Custom Output   Raw Output   Submit Code