

Easy 1492 55 Add to List Share

An array `nums` is monotone increasing if for all $i \leq j$, $nums[i] \leq nums[j]$. An array `nums` is monotone decreasing if for all $i \leq j$, $nums[i] \geq nums[j]$.

Given an integer array `nums`, return `true` if the given array is monotonic, or `false` otherwise.

Example 1:

Input: nums = [1,2,2,3]

Output: true

Example 2:

Input: nums = [6,5,4,4]

Output: true

Example 3:

Input: nums = [1,3,2]

Output: false

Constraints:

- $1 \leq \text{nums.length} \leq 10^5$
- $-10^5 \leq \text{nums}[i] \leq 10^5$

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```
1  class Solution {
2      public boolean isMonotonic(int[] nums) {
3
4      }
5  }
```