

280. Wiggle Sort

Medium👍 825🗨️ 72🤍 Add to List🔗 Share

Given an integer array `nums`, reorder it such that `nums[0] <= nums[1] >= nums[2] <= nums[3] >= ...`. You may assume the input array always has a valid answer.

Example 1:

Input: `nums = [3,5,2,1,6,4]`

Output: `[3,5,1,6,2,4]`

Explanation: `[1,6,2,5,3,4]` is also accepted.

Example 2:

Input: `nums = [6,6,5,5,6,3,8]`

Output: `[6,6,5,6,3,8]`

Constraints:

- `1 <= nums.length <= 5 * 104`
- `0 <= nums[i] <= 104`
- It is guaranteed that there will be an answer for the given input `nums`.

Follow up:

Could you do it without sorting the array?

Accepted 107,971

Submissions 164,743

Seen this question in a real interview before?

Yes

No

Companies

👤

0 - 6 months

6 months - 1 year

1 year - 2 years

Google

2

Related Topics

ArrayGreedySorting

Similar Questions

Sort Colors

Medium

Wiggle Sort II

Medium

Array With Elements Not Equal to Average of Neighbors

Medium

```
1 public void wiggleSort(int[] nums) {
2     for (int i = 0; i < nums.length - 1; i++) {
3         if ((i % 2 == 0) == (nums[i] > nums[i + 1])) {
4             swap(nums, i, i + 1);
5         }
6     }
7 }
```

🔖 Problems

✖ Pick One

< Prev

11/99

Next >

Console

Contribute ↗

▶ Run Code ^

Submit