

[My Submissions \(/contest/weekly-contest-277/problems/rearrange-array-elements-by-sign/submissions/\)](/contest/weekly-contest-277/problems/rearrange-array-elements-by-sign/submissions/)

[Back to Contest \(/contest/weekly-contest-277/\)](/contest/weekly-contest-277/)

You should **rearrange** the elements of `nums` such that the modified array follows the given conditions:

1. Every **consecutive pair** of integers have **opposite signs**.
2. For all integers with the same sign, the **order** in which they were present in `nums` is **preserved**.
3. The rearranged array begins with a positive integer.

Return the modified array after rearranging the elements to satisfy the aforementioned conditions.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Medium

Example 1:

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

Output: [3,-2,1,-5,2,-4]

Explanation:

The positive integers in nums are [3,1,2]. The negative integers are [-2,-5,-4].

The only possible way to rearrange them such that they satisfy all conditions is $[3, -2, 1, -5, 2, -4]$.

Other ways such as $[1, -2, 2, -5, 3, -4]$, $[3, 1, 2, -2, -5, -4]$, $[-2, 3, -5, 1, -4, 2]$ are incorrect because they do not satisfy one of the conditions.

Example 2:

Input: nums = [-1,1]

Output: $[1, -1]$

Explanation:

1 is the only positive integer and -1 the only negative integer in nums.

So nums is rearranged to [1,-1].

Constraints:

- $2 \leq \text{nums.length} \leq 2 * 10^5$
- `nums.length` is **even**
- $1 \leq |\text{nums}[i]| \leq 10^5$
- `nums` consists of **equal** number of positive and negative integers.

JavaScript



```
1  /**
2   * @param {number[]} nums
3   * @return {number[]}
4   */
5  var rearrangeArray = function(nums) {
6
7  };
```