

Description

Solution

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Java

Autocomplete

922. Sort Array By Parity II

Easy

684

49

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Given an array `A` of non-negative integers, half of the integers in `A` are odd, and half of the integers are even.

Sort the array so that whenever `A[i]` is odd, `i` is odd; and whenever `A[i]` is even, `i` is even.

You may return any answer array that satisfies this condition.

Example 1:

Input: `[4,2,5,7]`**Output:** `[4,5,2,7]`**Explanation:** `[4,7,2,5]`, `[2,5,4,7]`, `[2,7,4,5]` would also have been accepted.

Note:

1. `2 <= A.length <= 20000`
2. `A.length % 2 == 0`
3. `0 <= A[i] <= 1000`

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Console

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```
1 class Solution {
2     public int[] sortArrayByParityII(int[] A) {
3     }
4 }
5 }
```