

2206. Divide Array Into Equal Pairs

Description

You are given an integer array `nums` consisting of $2 * n$ integers.

You need to divide `nums` into `n` pairs such that:

- Each element belongs to **exactly one** pair.
- The elements present in a pair are **equal**.

Return `true` *if `nums` can be divided into `n` pairs, otherwise return `false`*.

Example 1:

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

Output: `true`

Explanation:

There are 6 elements in `nums`, so they should be divided into $6 / 2 = 3$ pairs.

If `nums` is divided into the pairs (2, 2), (3, 3), and (2, 2), it will satisfy all the conditions.

Example 2:

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

Output: `false`

Explanation:

There is no way to divide `nums` into $4 / 2 = 2$ pairs such that the pairs satisfy every condition.

Constraints:

- `nums.length == 2 * n`
- `1 <= n <= 500`
- `1 <= nums[i] <= 500`

