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```java
class Solution {
    public boolean containsNearbyDuplicate(int[] nums, int k) {

    }
}
```

219. Contains Duplicate II

Easy   👍 4049   👎 2343   ♡ Add to List   🔗 Share

Given an integer array `nums` and an integer `k`, return `true` if there are two **distinct indices** `i` and `j` in the array such that `nums[i] == nums[j]` and `abs(i - j) <= k`.

Example 1:

```
Input: nums = [1,2,3,1], k = 3
Output: true
```

Example 2:

```
Input: nums = [1,0,1,1], k = 1
Output: true
```

Example 3:

```
Input: nums = [1,2,3,1,2,3], k = 2
Output: false
```

Constraints:

- $1 <= nums.length <= 10^5$
- $-10^9 <= nums[i] <= 10^9$
- $0 <= k <= 10^5$

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