

219. Contains Duplicate II

Description

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 <= 105`
- `-109 <= nums[i] <= 109`
- `0 <= k <= 105`

