219. Contains Duplicate II

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] $<= 10^9$
- $0 <= k <= 10^5$