Find K-th Smallest Pair Distance

The **distance of a pair** of integers a and b is defined as the absolute difference between a and b.

Given an integer array nums and an integer k, return *the* kth *smallest* ***distance among all the pairs*** nums[i] *and* nums[j] *where* 0 <= i < j < nums.length.

Example 1:

Input: nums = [1,3,1], k = 1

Output: 0

Explanation: Here are all the pairs:

(1,3) -> 2

(1,1) -> 0

(3,1) -> 2

Then the 1st smallest distance pair is (1,1), and its distance is 0.

Example 2:

Input: nums = [1,1,1], k = 2

Output: 0

Example 3:

Input: nums = [1,6,1], k = 3

Output: 5

Constraints:

- n == nums.length
- 2 <= n <= 10^4
- 0 <= nums[i] <= 10^6
- 1 <= k <= n * (n - 1) / 2