**Kth Largest Element in an Array**

<https://leetcode.com/problems/kth-largest-element-in-an-array/>

Given an integer array nums and an integer k, return *the* kth *largest element in the array*.

Note that it is the kth largest element in the sorted order, not the kth distinct element.

You must solve it in O(n) time complexity.

**Example 1:**

**Input:** nums = [3,2,1,5,6,4], k = 2

**Output:** 5

**Example 2:**

**Input:** nums = [3,2,3,1,2,4,5,5,6], k = 4

**Output:** 4

**Constraints:**

* 1 <= k <= nums.length <= 105
* -104 <= nums[i] <= 104