

215. Kth Largest Element in an Array

Description

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

Note that it is the `k`th largest element in the sorted order, not the `k`th distinct element.

Can you solve it without sorting?

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`

