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Kth Largest Element in an Array

Try to solve the Kth Largest Element in an Array problem.



Statement

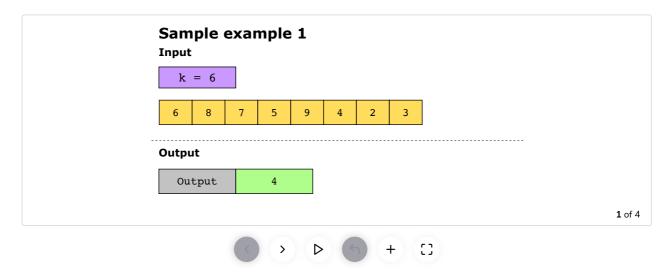
Find the k^{th} largest element in an unsorted array.

Note: We need to find the k^{th} largest element in the sorted order, not the k^{th} distinct element.

Constraints:

- $1 \leq \mathsf{k} \leq \mathsf{nums.length} \leq 10^4$
- $-10^4 \leq {\sf nums[i]} \leq 10^4$

Examples



Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

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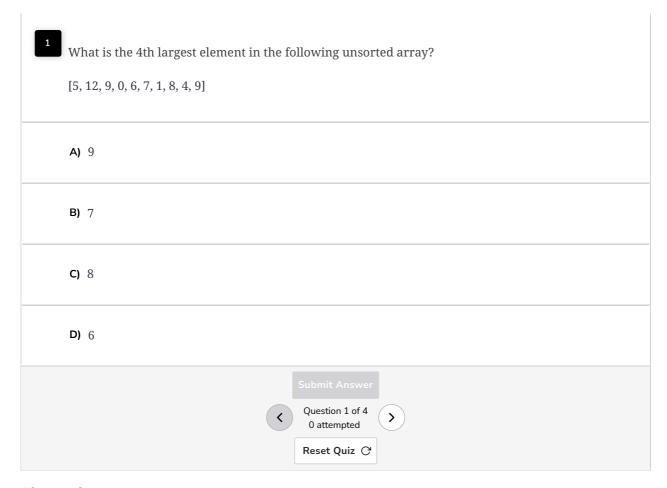
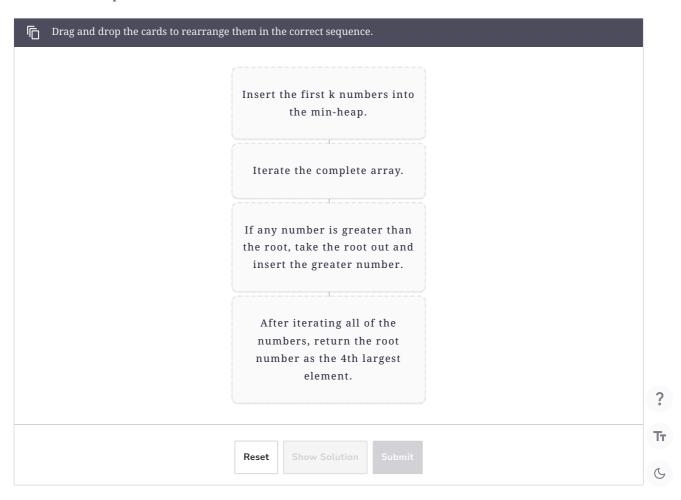


Figure it out!

We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.



Try it yourself

Implement your solution in the following coding playground:

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