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703. Kth Largest Element in a Stream

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You are part of a university admissions office and need to keep track of the `kth` highest test score from applicants determine cut-off marks for interviews and admissions dynamically as new applicants submit their scores.

You are tasked to implement a class which, for a given integer `k`, maintains a stream of test scores and continuou score **after** a new score has been submitted. More specifically, we are looking for the `k`th highest score in the so

Implement the `KthLargest` class:

- `KthLargest(int k, int[] nums)` Initializes the object with the integer `k` and the stream of test scores `nums`

- `int add(int val)` Adds a new test score `val` to the stream and returns the element representing the kth la test scores so far.

Example 1:

```
Input:
["KthLargest", "add", "add", "add", "add", "add"]
[[3, [4, 5, 8, 2]], [3], [5], [10], [9], [4]]

Output: [null, 4, 5, 5, 8, 8]

Explanation:

KthLargest kthLargest = new KthLargest(3, [4, 5, 8, 2]);
kthLargest.add(3); // return 4
kthLargest.add(5); // return 5
kthLargest.add(10); // return 5
kthLargest.add(9); // return 8
kthLargest.add(4); // return 8
```

Example 2:

```
Input:
```

🖒 5.9K   🖓   💬 180   ☆   ↗   ⊘