

3159. Find Occurrences of an Element in an Array

Solved ●

Medium  Hint

You are given an integer array `nums`, an integer array `queries`, and an integer `x`.

For each `queries[i]`, you need to find the index of the `queries[i]`th occurrence of `x` in the `nums` array. If there are fewer than `queries[i]` occurrences of `x`, the answer should be -1 for that query.

Return an integer array `answer` containing the answers to all queries.

Example 1:

Input: `nums = [1,3,1,7]`, `queries = [1,3,2,4]`, `x = 1`

Output: `[0,-1,2,-1]`

Explanation:

- For the 1st query, the first occurrence of 1 is at index 0.
- For the 2nd query, there are only two occurrences of 1 in `nums`, so the answer is -1.
- For the 3rd query, the second occurrence of 1 is at index 2.
- For the 4th query, there are only two occurrences of 1 in `nums`, so the answer is -1.

Example 2:

Input: `nums = [1,2,3]`, `queries = [10]`, `x = 5`

Output: `[-1]`

Explanation:

- For the 1st query, 5 doesn't exist in `nums`, so the answer is -1.

Constraints:

- `1 <= nums.length, queries.length <= 105`
- `1 <= queries[i] <= 105`
- `1 <= nums[i], x <= 104`

Seen this question in a real interview before? 1/5

Yes No

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Hint 1

Discussion (6)