81. Search in Rotated Sorted Array II

Medium Topics Companies

There is an integer array `nums` sorted in non-decreasing order (not necessarily with **distinct** values).

Before being passed to your function, `nums` is **rotated** at an unknown pivot index `k` (`0 <= k < nums.length`) such that the resulting array

Given the array `nums` **after** the rotation and an integer `target`, return `true` *if* `target` *is in* `nums`*, or* `false` *if it is not in* `nums`.

You must decrease the overall operation steps as much as possible.

Example 1:

```
Input: nums = [2,5,6,0,0,1,2], target = 0
Output: true
```

Example 2:

```
Input: nums = [2,5,6,0,0,1,2], target = 3
Output: false
```

Constraints:

- `1 <= nums.length <= 5000`
- -10^4 `<= nums[i] <=` 10^4
- `nums` is guaranteed to be rotated at some pivot.
- -10^4 `<= target <=` 10^4

Follow up: This problem is similar to Search in Rotated Sorted Array, but `nums` may contain **duplicates**. Would this affect the runtime com

Seen this question in a real interview before? 1/4

Yes No

Accepted 679.2K Submissions 1.8M Acceptance Rate 37.4%

Topics

Companies

Similar Questions

Discussion (88)