

Description

Solution

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Submissions

33. Search in Rotated Sorted Array

Medium5220462Add to ListShare

Suppose an array sorted in ascending order is rotated at some pivot unknown to you beforehand.

(i.e., `[0,1,2,4,5,6,7]` might become `[4,5,6,7,0,1,2]`).

You are given a target value to search. If found in the array return its index, otherwise return `-1` .

You may assume no duplicate exists in the array.

Your algorithm's runtime complexity must be in the order of $O(\log n)$.

Example 1:

Input: `nums = [4,5,6,7,0,1,2]`, `target = 0`

Output: `4`

Example 2:

Input: `nums = [4,5,6,7,0,1,2]`, `target = 3`

Output: `-1`

Accepted748,020

Submissions2,168,297

Seen this question in a real interview before?

Yes

No

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```
1 class Solution {
2     public int search(int[] nums, int target) {
3         int flag = 0;
4         if (nums.length == 0) return -1;
5         for (int i = 0; i < nums.length; i++) {
6             if (nums[i] == target) {
7                 flag = i;
8                 break;
9             } else
10                flag = -1;
11        }
12
13        return flag;
14    }
15 }
16 }
```

Testcase

Run Code Result

Debugger

Accepted

Runtime: 0 ms

Your input

`[4,5,6,7,0,1,2]`
`0`

Output

`4`

Diff

Expected

`4`

Console

How to create a testcase

Run Code

Submit

Problems

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