

LeetCode

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Problem List

>

Premium

0

Description

Editorial

Solutions (13.6K)

Submissions

TypeScript

Auto

{ }

35. Search Insert Position

Easy

12.7K

556

Companies

Given a sorted array of distinct integers and a target value, return the index if the target is found. If not, return the index where it would be if it were inserted in order.

You must write an algorithm with $O(\log n)$ runtime complexity.

Example 1:

Input:

 nums = [1,3,5,6], target = 5

Output:

 2

Example 2:

Input:

 nums = [1,3,5,6], target = 2

Output:

 1

Example 3:

Input:

 nums = [1,3,5,6], target = 7

Output:

 4

Constraints:

•

 $1 \leq \text{nums.length} \leq 10^4$

•

 $-10^4 \leq \text{nums}[i] \leq 10^4$

•

`nums` contains **distinct** values sorted in **ascending** order.

•

 $-10^4 \leq \text{target} \leq 10^4$

Accepted 2.1M

Submissions 4.9M

Acceptance Rate 43.3%

Seen this question in a real interview before?

1/4

Yes

No

Discussion (110)

Similar Questions

Related Topics

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Console

Run

Submit

1

 function searchInsert(nums: number[], target: number): number {

2

 for(var pointer in nums){

3

 if(nums[pointer]>target ||nums[pointer]==target){

4

 return Number(pointer)

5

 }

6

7

 if (Number(pointer) == nums.length-1) {

8

 return Number(nums.length);

9

 }

10

 }

11

12

 return 0

13

 }

Continue to work on your code from Mar 20, 2023 16:17:41

Restore

1 of 1

3/20/2023, 4:21 PM