

35. Search Insert Position

Easy  Topics  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 inserted to maintain the sorted 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 <= nums.length <= 104`
- `-104 <= nums[i] <= 104`
- `nums` contains **distinct** values sorted in **ascending** order.
- `-104 <= target <= 104`

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

Yes No

Accepted **2.7M** Submissions **5.9M** Acceptance Rate **45.3%**

 Topics

 Companies

 Similar Questions

 Discussion (159)