**14. First Position of Target**

中文

English

For a given sorted array (ascending order) and a target number, find the first index of this number in O(log n) time complexity.

If the target number does not exist in the array, return -1.

**Example**

Example 1:

Input: [1,4,4,5,7,7,8,9,9,10]，1

Output: 0

Explanation:

the first index of 1 is 0.

Example 2:

Input: [1, 2, 3, 3, 4, 5, 10]，3

Output: 2

Explanation:

the first index of 3 is 2.

Example 3:

Input: [1, 2, 3, 3, 4, 5, 10]，6

Output: -1

Explanation:

Not exist 6 in array.

**Challenge**

If the count of numbers is bigger than 2^32, can your code work properly?