

Description

Solution

Submissions

Discuss (142)

Python

Autocomplete

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1064. Fixed Point

Easy 134 36 Add to List Share

Given an array `A` of distinct integers sorted in ascending order, return the smallest index `i` that satisfies `A[i] == i`. Return `-1` if no such `i` exists.

Example 1:

Input: `[-10,-5,0,3,7]`Output: `3`

Explanation:

For the given array, `A[0] = -10`, `A[1] = -5`, `A[2] = 0`, `A[3] = 3`, thus the output is `3`.

Example 2:

Input: `[0,2,5,8,17]`Output: `0`

Explanation:

`A[0] = 0`, thus the output is `0`.

Example 3:

Input: `[-10,-5,3,4,7,9]`Output: `-1`

Explanation:

There is no such `i` that `A[i] = i`, thus the output is `-1`.

```
1 class Solution(object):
2     def fixedPoint(self, A):
3         """
4         :type A: List[int]
5         :rtype: int
6         """
7
```