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.

**Note:**

1. 1 <= A.length < 10^4
2. -10^9 <= A[i] <= 10^9