

Problem List

1426. Counting Elements

Solved

Easy

Topics

Companies

Hint

Given an integer array `arr`, count how many elements `x` there are, such that `x + 1` is also in `arr`. If there are duplicates in `arr`, count them separately.

Example 1:

Input: `arr = [1,2,3]`
Output: 2
Explanation: 1 and 2 are counted cause 2 and 3 are in `arr`.

Example 2:

Input: `arr = [1,1,3,3,5,5,7,7]`
Output: 0
Explanation: No numbers are counted, cause there is no 2, 4, 6, or 8 in `arr`.

Constraints:

- `1 <= arr.length <= 1000`
- `0 <= arr[i] <= 1000`

Seen this question in a real interview before? 1/5

Accepted 123K Submissions 204.6K Acceptance Rate 60.1%

Topics

Companies

Hint 1

Hint 2

Discussion (6)

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</> Code

Python3

Auto

```
1 class Solution:
2     def countElements(self, arr: List[int]) -> int:
3
4         unique = set(arr)
5
6         count = 0
7         for i in range(len(arr)):
8             if arr[i]+1 in unique:
9                 count += 1
10
11         return count
```

Saved

Ln 11, Col 21

Testcase

Test Result

Accepted

Runtime: 67 ms

Case 1

Case 2

Input

arr = [1,2,3]

Output

2

Expected

2

Contribute a testcase