

Problem 1394: Find Lucky Integer in an Array

Problem Information

Difficulty: Easy

Acceptance Rate: 75.44%

Paid Only: No

Tags: Array, Hash Table, Counting

Problem Description

Given an array of integers `arr`, a **lucky integer** is an integer that has a frequency in the array equal to its value.

Return `the largest lucky integer` in the array. If there is no **lucky integer** return `-1`.

Example 1:

Input: `arr = [2,2,3,4]` **Output:** `2` **Explanation:** The only lucky number in the array is 2 because `frequency[2] == 2`.

Example 2:

Input: `arr = [1,2,2,3,3,3]` **Output:** `3` **Explanation:** 1, 2 and 3 are all lucky numbers, return the largest of them.

Example 3:

Input: `arr = [2,2,2,3,3]` **Output:** `-1` **Explanation:** There are no lucky numbers in the array.

Constraints:

`1 <= arr.length <= 500` `1 <= arr[i] <= 500`

Code Snippets

C++:

```
class Solution {  
public:  
    int findLucky(vector<int>& arr) {  
  
    }  
};
```

Java:

```
class Solution {  
    public int findLucky(int[] arr) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def findLucky(self, arr: List[int]) -> int:
```