

# Problem 1207: Unique Number of Occurrences

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 78.53%

**Paid Only:** No

**Tags:** Array, Hash Table

## Problem Description

Given an array of integers `arr`, return `true` if the number of occurrences of each value in the array is **unique** or `false` otherwise.

**Example 1:**

**Input:** `arr = [1,2,2,1,1,3]` **Output:** `true` **Explanation:** The value 1 has 3 occurrences, 2 has 2 and 3 has 1. No two values have the same number of occurrences.

**Example 2:**

**Input:** `arr = [1,2]` **Output:** `false`

**Example 3:**

**Input:** `arr = [-3,0,1,-3,1,1,1,-3,10,0]` **Output:** `true`

**Constraints:**

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

## Code Snippets

**C++:**

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

### Java:

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

### Python3:

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