Day-34 of 101 days Coding challenge

Problem:

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

Code:

```cpp
bool uniqueOccurrences(vector<int>& arr) {

        vector<int> ans;
      sort(arr.begin(), arr.end());
       for(int i = 0; i<arr.size(); ){
            int count = 1;

            for(int j = i+1; j<arr.size(); j++){
                if(arr[i] == arr[j]){
                    count++;
                }
            }
            ans.push_back(count);
            i+=count;
        }
      sort(ans.begin(), ans.end());
```

```cpp
        for(int i = 0; i<ans.size()-1; i++){
            if(ans[i] == ans[i+1]){
                return false;
            }

        }
         return true;

    }
```