**Sum of elements in an array with frequencies greater than or equal to that element**

Given an array arr[] of N integers. The task is to find the sum of the elements which have frequencies greater than or equal to that element in the array.

**Input**: arr[] = {2, 1, 1, 2, 1, 6}

**Output**: 3

The elements in the array are {2, 1, 6}

Where,

2 appear 2 times which is greater than equal to 2 itself.

1 appear 3 times which is greater than 1 itself.

But 6 appears 1 time which is not greater than or equals to 6.

So, **sum = 2 + 1 = 3**.

**Input**: arr[] = {1, 2, 3, 3, 2, 3, 2, 3, 3}

**Output**: 6

class Solution {

// Function to count the frequency of all elements from 1 to N in the array.

public static int frequencyCount(int arr[], int n) {

Map<Integer , Integer> map = new HashMap<>();

int sum = 0;

for(int i : arr){

map.put(i , map.getOrDefault(i , 0) + 1);

}

for(int i : map.keySet()){

if(i <= map.get(i)){

sum += i;

}

}

return sum;

}

}