**Day 80 coding Statement :**

Alice and Bob went to a pet store. There are *N* animals in the store where the *ith* animal is of type *Ai*?.

Alice decides to buy some of these *N* animals. Bob decides that he will buy **all** the animals **left** in the store after Alice has made the purchase.

Find out whether it is possible that Alice and Bob end up with **exactly same multiset**of animals.

**Input Format**

* The first line of input will contain a single integer *T*, denoting the number of test cases.
* Each test case consists of multiple lines of input.
  + The first line of each test case contains an integer *N* — the number of animals in the store.
  + The next line contains *N* space separated integers, denoting the type of each animal.

**Output Format**

For each test case, output on a new line, YES, if it is possible that Alice and Bob end up with **exactly same** multiset of animals and NO otherwise.

You may print each character in uppercase or lowercase. For example, the strings YES, yes, Yes, and yES are considered identical.

**Sample Input**

4

3

4 4 4

4

2 3 3 2

4

1 2 2 3

6

5 5 1 5 1 5

**Sample Output**

NO

YES

NO

YES

import java.util.Scanner;

import java.util.HashMap;

public class RatanPrajapati\_day80 {

    private static Scanner sc = new Scanner(System.in);

    public static void main(String[] args) throws java.lang.Exception {

        int T = sc.nextInt();

        while (T-- > 0) {

            int n = sc.nextInt();

            HashMap<Integer, Integer> hm = new HashMap<>();

            for (int i = 0; i < n; i++) {

                int k = sc.nextInt();

                hm.put(k, hm.getOrDefault(k, 0) + 1);

            }

            boolean isTrue = true;

            for (Integer i : hm.keySet()) {

                if (hm.get(i) % 2 != 0) {

                    isTrue = false;

                }

            }

            if (isTrue) {

                System.out.println("YES");

            } else {

                System.out.println("NO");

            }

        }

    }

}