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

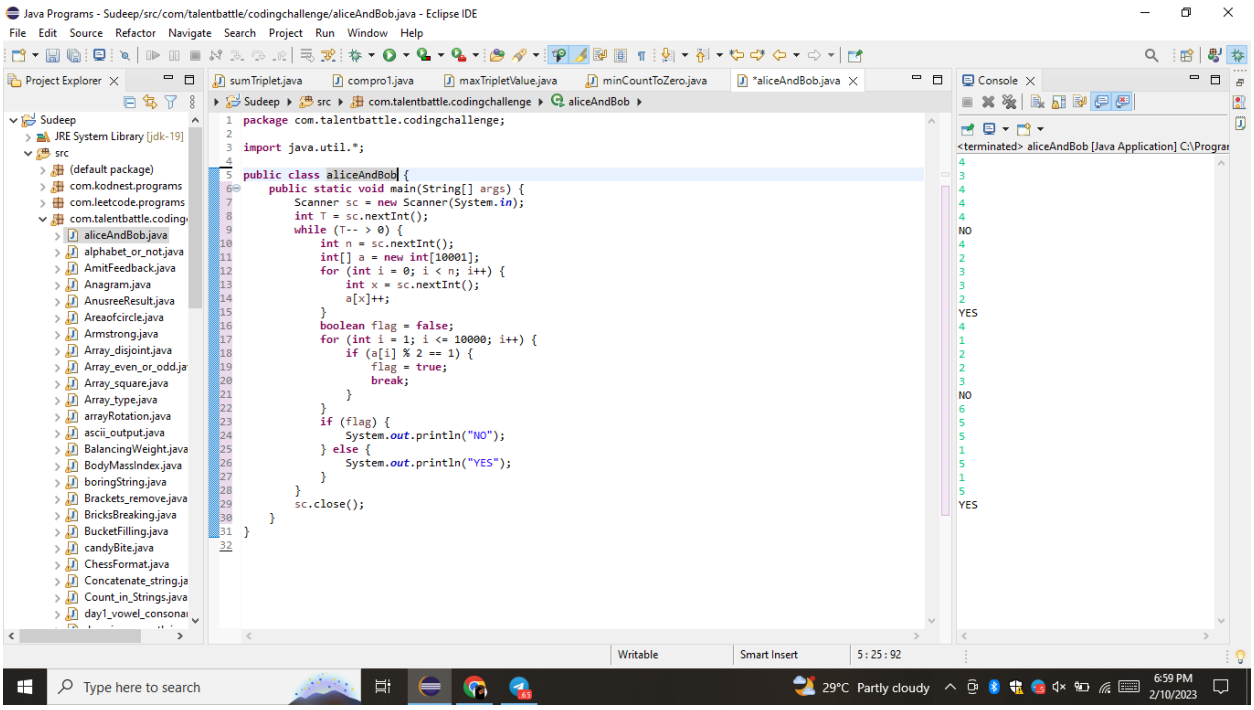
Sample Output

NO

YES

NO

YES


Java Programs - Sudeep/src/com/talentbattle/codingchallenge/aliceAndBob.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer
sumTriplet.java
compro1.java
maxTripletValue.java
minCountToZero.java
*aliceAndBob.java
Console
Sudeep
JRE System Library [jdk-19]
src
(default package)
com.kodnest.programs
com.leetcode.programs
com.talentbattle.codingchallenge
aliceAndBob.java
alphabet_or_not.java
AmitFeedback.java
Anagram.java
AnusreeResult.java
Areaofcircle.java
Armstrong.java
Array_disjoint.java
Array_even_or_odd.java
Array_square.java
Array_type.java
arrayRotation.java
ascii_output.java
BalancingWeight.java
BodyMassIndex.java
boringString.java
Brackets_remove.java
BricksBreaking.java
BucketFilling.java
candyBite.java
ChessFormat.java
Concatenate_string.java
Count_in_Strings.java
day1_vowel_consonant
Sudeep ▸ src ▸ com.talentbattle.codingchallenge ▸ aliceAndBob ▸
package com.talentbattle.codingchallenge;
import java.util.*;
public class aliceAndBob {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
int T = sc.nextInt();
while (T-- > 0) {
int n = sc.nextInt();
int[] a = new int[10001];
for (int i = 0; i < n; i++) {
int x = sc.nextInt();
a[x]++;
}
boolean flag = false;
for (int i = 1; i <= 10000; i++) {
if (a[i] % 2 == 1) {
flag = true;
break;
}
}
if (flag) {
System.out.println("NO");
} else {
System.out.println("YES");
}
}
sc.close();
}
}
<terminated> aliceAndBob [Java Application] C:\Prograr
4
3
4
4
4
NO
4
2
3
3
2
YES
4
1
2
2
3
NO
6
5
5
1
5
1
5
YES
Writable
Smart Insert
5 : 25 : 92
Type here to search
29°C Partly cloudy
6:59 PM
2/10/2023