**Professor and Parties**

Submissions: [4435](https://practice.geeksforgeeks.org/problem_submissions.php?pid=1403)  Accuracy:

30.85%

   Difficulty: [Basic](https://practice.geeksforgeeks.org/Basic/0/0/)   Marks: 1

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A professor went to a party. Being an erudite person, he classified the party into two categories. He proposed that if all the persons in the party are wearing different colored robes, then that is a girl’s only party. If we even get one duplicate color, it must be a boy’s party. The colors of the robes are represented by positive integers.

**Input**  
The first line of each test case contains an integer**T**, denoting the no of test cases. Then **T** test cases follow. The first line of each test case contains an integerN denoting the number of people in the party. In the next line are **N** space separated values of **Ai** denoting the color of the robes.

**Output**  
For each test case, print “**BOYS**” without quotes if it’s a boy’s party, else print “**GIRLS**”.

**Constraints**  
1 <= T <= 100  
1 <= N <= 107  
1 <= Ai<= 1018

**Example**  
**Input**  
2  
5  
1 2 3 4 7  
6  
1 3 2 4 5 1

**Output**  
GIRLS  
BOYS

**Explanation:**  
In the first testcase, all the colors are unique so it's a GIRLS party.  
In the second testcase, there are two colors 1. So it's a BOYS party.

\*\* For More Input/Output Examples Use ['Expected Output'](https://practice.geeksforgeeks.org/problems/professor-and-parties/0#ExpectOP) option \*\*

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

public class GFG

{

static string GirlsOrBoys(int[] arr)

{

Dictionary<int, int> diccio = new Dictionary<int, int>();

for(int i =0; i<arr.Length; i++)

{

if(diccio.ContainsKey(arr[i])) return "BOYS";

else diccio[arr[i]] = 1;

}

return "GIRLS";

}

static void Main(string[] args)

{

int t = int.Parse(Console.ReadLine());

while (t-- > 0)

{

int n = int.Parse(Console.ReadLine());

int[] arr = Array.ConvertAll(Console.ReadLine().Trim().Split(' '), e => int.Parse(e));

Console.WriteLine(GirlsOrBoys(arr));

}

Console.ReadLine();

}

}