```java
import java.util.*;

import java.lang.*;

import java.io.*;


class gfg

{

    static int a[] = new int[1000001];

    public static void main(String args[])throws IOException

    {

        BufferedReader read = new BufferedReader(new InputStreamReader(System.in));

        int t = Integer.parseInt(read.readLine());


        while(t-- > 0)

        {

            int n = Integer.parseInt(read.readLine());

            String st[] = read.readLine().trim().split("\\s+");


            int k = 0;

            boolean flag = false;

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

            {

                k = Integer.parseInt(st[i]);

                a[k]++;

                if(a[k] > n/2 && flag == false)

                {
```

```java
                System.out.println(k);

                flag = true;

            }

        }


        if(flag == false)

        {

            System.out.println("-1");

        }

        Arrays.fill(a, 0);




    }

  }

}
```