https://course.acciojob.com/idle?question=cfcb12b8-f817-4be3-8420-48ea92ed19bc

- EASY
- Max Score: 30 Points

First Element to Occur K Times

Given an array of 'n' integers. Print the first element that occurs `k` number of times. If there is no element that occurs for at least `k` number of times print -1.

Input Format

Line 1: contains two integers n and k.

Line 2: contains n-spaced integers denoting elements of the array.

Output Format

Print a single integer denoting the first element in the array which occurs at least `k` times. If no such element exists, print `-1`.

Example 1

Input

```
7 2
1 7 4 3 4 8 7
```

Output

```
4
```

Explanation

As we traverse the array the first number whose frequency becomes greater than or equal to k(2) is 4. Hence, the answer is 4.

Example 2

Input

```
7 4
2 4 1 2 2 19 3
```

Output

```
-1
```

Explanation

As no element in array has a frequency greater than or equal to k(4), the output will be -1.

Constraints

1 <= n <= 10^6

1 <= arr[i] <= 10^6

Topic Tags

- **Hashing**

My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
```

```
	public static void main (String[] args) throws
java.lang.Exception
	{
		//your code here
		Scanner s=new Scanner(System.in);
		int n=s.nextInt();
		int k=s.nextInt();
		int arr[]=new int[n];
		for(int i=0;i<n;i++)
			arr[i]=s.nextInt();

		HashMap<Integer, Integer>hm=new HashMap<>();
		for(int i=0;i<n;i++)
			{
				if(hm.containsKey(arr[i]))
				{
					int f=hm.get(arr[i]);
					if(f==k-1)
					{
					    System.out.print(arr[i]);
					      return;
					}
					hm.put(arr[i],f+1);
				}
				else
				{
					hm.put(arr[i],1);
				 if(k==1)
				    {
				       System.out.print(arr[i]);
```

```
                                    return;
                                }
                            }
                        }

                System.out.print("-1");
        }
}
```