

<https://course.acciojob.com/idle?question=fdcb0f1a-fa9f-4531-a18f-cbf410f82c1b>

- EASY
- Max Score: 30 Points

First Come First Serve

CodeMart is a shopping platform and it is distributing gift vouchers to its esteemed users. The voucher can be redeemed by providing a fixed amount of shopping credits to the platform.

One credit is sent by a user to the platform by doing one occurrence in CodeMart. Since there is a huge rush of people you are required to manage the users on the basis of first come first serve.

The user which came first and has exactly k occurrences at last is given the voucher first. You are given an array `arr` with the id's of `N` users in chronological order of their occurrences .

You are required to print the id of the user which will be given the voucher first. If no such user meets the condition print `-1`.

Input Format

First line consists of an integer n

Second line consists of an integer k

Third line consists of n spaced integers

Output Format

print the id of the user which will be given the voucher first. If no such user meets the condition print `-1`.

EXAMPLE 1

Input

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

Output

```
7
```

EXPLANATION

Both 7 and 4 occur 2 times. But 7 is the first that occurs 2 times.

EXAMPLE 2

Input

```
6
1
4 1 6 1 6 4
```

Output

```
-1
```

EXPLANATION

No one occurs exactly 1 time.

CONSTRAINTS

$1 \leq n \leq 1000$

$1 \leq \text{arr}[i] \leq 1000$

Topic Tags

- Hashing
- Loops
- Arrays

My code

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

public class Main {
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt(), k = sc.nextInt();
        int[] arr = new int[n];
        for (int i = 0; i < n; i++)
            arr[i] = sc.nextInt();
        sc.close();
        System.out.println(firstElement(arr, n, k));
    }

    public static int firstElement(int arr[], int n, int k) {
        // your code here
        HashMap<Integer,Integer>hm=new HashMap<>();
        for(int i=0;i<n;i++)
        {
            hm.put(arr[i],hm.getDefault(arr[i],0)+1);
        }
        for(int i=0;i<n;i++)
        {
```

```
        if(hm.get(arr[i])==k)
            return arr[i];
    }
    return -1;
}
}
```