**First element to occur k times**

Submissions: [5734](https://practice.geeksforgeeks.org/problem_submissions.php?pid=1956)  Accuracy:

26.95%

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

Associated Course(s): [Interview Preparation](https://practice.geeksforgeeks.org/courses/interview-preparation/)[Sudo Placement [IITs]](https://practice.geeksforgeeks.org/courses/sudo%20placement-IIT/)

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Given an array of **N** integers. The task is to find the first element that occurs **K** number of times. If no element occurs **K** times the print **-1**.

**Input:**  
The first line of input contains an integer T denoting the number of test cases. Then T test cases follow. The first line of each test case contains an integer N denoting the size of an array and the number K. The second line of each test case contains N space separated integers denoting elements of the array A[ ].

**Output:**  
For each test case in a new line print the required answer.

**Constraints:**  
1 <= T <= 100  
1 <= N, K <= 105  
1<= A <= 106

**Example:**  
**Input :**  
1  
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.

\*\* For More Input/Output Examples Use ['Expected Output'](https://practice.geeksforgeeks.org/problems/first-element-to-occur-k-times/0#ExpectOP) option \*\*

Contributor: Sujnesh Mishra  
[Author: sujnesh](https://auth.geeksforgeeks.org/user/sujnesh/practice/)

<https://practice.geeksforgeeks.org/problems/first-element-to-occur-k-times/0>

#include <iostream>

#include <stdio.h>

#include <map>

#include <math.h>

using namespace std;

int FirstKTimes(int arr[], int n, int k) {

map<int,int> hash;

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

hash[arr[i]]++;

}

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

if(hash[arr[i]] == k) {

return arr[i];

}

}

return -1;

}

int main() {

int t;

scanf("%d", &t);

while(t-- ) {

int n,k;

scanf("%d %d", &n, &k);

int A[n];

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

scanf("%d", &A[i]);

}

cout << FirstKTimes(A, n, k) << endl;

}

return 0;

}