First K natural numbers

Given an array of size n and a number k, we need to print first k natural numbers that are not there in given array.

Input:
First line consists of T test case. First line of every test case consists of N and K. Second line consists of elements of array.

Output:
Single line output, print the K missing numbers.

Constraints:
$1<=T<=100$
$1<=N<=10^4$
$-1000<=Ai<=1000$

Example:
Input:
2
3 3
1 4 3
3 3
-5 -6 1
Output:
2 5 6
2 3 4