

Problem D. Remove It

Time limit 2000 ms

Mem limit 1048576 kB

Problem Statement

Given are an integer sequence A of length N , and an integer X .

Remove all elements that are equal to X from A , and arrange the remaining elements without changing the order to obtain the sequence A' . Print A' .

Constraints

- $1 \leq N \leq 10^5$
- $1 \leq X \leq 10^9$
- $1 \leq A_i \leq 10^9$
- All values in input are integers.

Input

Input is given from Standard Input in the following format:

```
N X
A1 A2 A3 ... AN
```

Output

Print the elements of A' in order, with space in between.

Sample 1

Input	Output
5 5 3 5 6 5 4	3 6 4

Removing 5s from $[3, 5, 6, 5, 4]$ results in $[3, 6, 4]$.

Sample 2

Input	Output
3 3 3 3 3	

A' can be a sequence with zero elements, in which case we should just print an empty line.