

Problem I. Chef and Dolls

Time limit 1000 ms
Code length Limit 50000 B
OS Linux

Chef is fan of pairs and he likes all things that come in pairs. He even has a doll collection in which the dolls come in pairs. One day while going through his collection he found that there are odd number of dolls. Someone had stolen a doll!!!

Help chef find which type of doll is missing..

Input

The first line contains an integer T , the number of test cases.

The first line of each test case contains an integer N , the number of dolls.

The next N lines are the types of dolls that are left.

Output

For each test case, display the type of doll that doesn't have a pair, in a new line.

Constraints

$$1 \leq T \leq 10$$

$$1 \leq N \leq 100000 (10^5)$$

$$0 \leq \text{type} \leq 100000$$

Sample 1

Input	Output
1 3 1 2 1	2

For this case, we have three dolls [1, 2, 1]. So we have two dolls of type 1, but only one doll of type 2. Thus one doll of type 2 is missing.

Sample 2

Input	Output
1 5 1 1 2 2 3	3

For this case [1, 1, 2, 2, 3], we have two dolls of type 1 and 2, but only one doll of type 3. Thus one doll of type 3 is missing.