

Finding the Numbers

You are given an array A containing $2*N+2$ positive numbers, out of which $2*N$ numbers exist in pairs whereas the other two number occur exactly once and are distinct. You need to find the other two numbers and print them in ascending order.

Input :

The first line contains a value T, which denotes the number of test cases. Then T test cases follow .The first line of each test case contains a value N. The next line contains $2*N+2$ space separated integers.

Output :

Print in a new line the two numbers in ascending order.

Constraints :

$$1 \leq T \leq 100$$

$$1 \leq N \leq 10^6$$

$$1 \leq A[i] \leq 5*10^8$$

Example:

Input :

```
2
2
1 2 3 2 1 4
1
2 1 3 2
```

Output :

```
3 4
1 3
```