Sicily

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1004. A-B

Total: 229   Accepted: 30

Description

Time Limit: 1sec   Memory Limit:256MB

Given two integer sequences A and B, you are to find A-B, the difference of them, (i.e., the elements that are in A but not in B), and ouput them in increasing order. Equal elements should be treated as the same.

Input

Input consists of multiple test cases. The first line of input contains a positive integer T, the number of test cases.
Each test case consists of two lines. The first line begins with an integer N, followed by N integers for the sequence A. The second line begins with an integer M, followed by M integers for B. 0<=N, M<=100000, and all the integers are within the scope of the type int.

Output

For each test case, output on a single line the difference of the two sequeces in increasing order.

Sample Input

Copy

```
1
5 3 3 2 4 7
5 4 5 6 1 9
```

Sample Output

Copy

```
2 3 7
```

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