Contest Duration: 2021-04-17(Sat) 12:40 (http://www.timeanddate.com/worldclock/fixedtime.html? iso=20210417T1610&p1=248) - 2021-04-17(Sat) 14:40 (http://www.timeanddate.com/worldclock/fixedtime.html? Back to Home (/home) iso=20210417T1810&p1=248) (local time) (120 minutes)

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B - Xor of Sequences

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Time Limit: 2 sec / Memory Limit: 1024 MB

Score: 200 points

Problem Statement

We have two strictly increasing integer sequences $A=(A_1,A_2,\ldots,A_N)$ and $B = (B_1, B_2, \ldots, B_M).$

Find all integers that appear in exactly one of A and B and print them in ascending order.

Constraints

- All values in input are integers.
- $1 < N, M < 10^3$
- $1 \le A_1 < A_2 < \cdots < A_N \le 10^3$
- $1 \le B_1 < B_2 < \cdots < B_M \le 10^3$

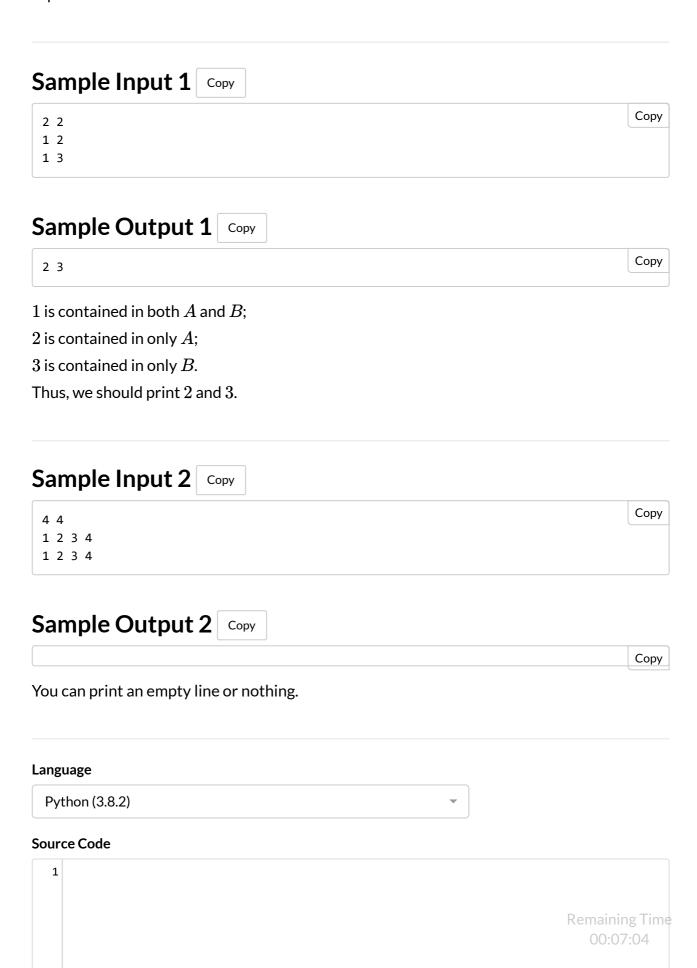
Input

Input is given from Standard Input in the following format:

Remaining Time

Output

Print all integers that appear in exactly one of A and B in ascending order, with space as separator.



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