Problem 3. Mistery

Petya gave Ivancho the following problem. She's chosen a single number N and has written down all integers in the interval from 1 to N on a sheet of paper. Moreover, she has changed the order of the numbers while writing them. After that, Petya deleted two of the given numbers and asked Ivancho which are the deleted numbers. Help him out by writing the program **mistery** that will guess the desired numbers successfully.

Input: The first line of the input file **mistery.in** contains a single integer N followed by N-2 integers - the numbers written by Petya.

Output: In the output file **mistery.out** you should print the two numbers in increasing order.

Constraints:

$$1 \le N \le 10000$$

Example:

mistery.in	mistery.out
8 8 3 1 4 2 5	6 7