

## Problem C. Crossed out letter

Input file:            standard input  
Output file:           standard output  
Time limit:            1 second  
Memory limit:         256 megabytes

Consider string  $s$ . Let's call  $s$  with some single character removed –  $s_0$ , and without some, possibly another, character –  $s_1$ . You are given  $s_0$  and  $s_1$ , find **any** suitable string  $s$  or determine, that there are none.

### Input

The first line of the input data contains one string  $s_0$  consisting of lowercase English letters.

The second line of the input data contains one string  $s_1$  consisting of lowercase English letters.

$$1 \leq |s_0|, |s_1| \leq 3 \cdot 10^5$$

$$|s_0| = |s_1|$$

### Output

Print a single line  $s$  consisting of lowercase English letters or “IMPOSSIBLE” (in capital letters, without quotes).

### Examples

standard input	standard output
abacaa aacaba	abacaba
bsuir openx	IMPOSSIBLE

### Note

In the first test case, removing from “abacaba” second character “b” we get  $s_0$  = “abacaa”, and removing “abacaba” first character “b”, we get  $s_1$  = “aacaba”.

In the second test case there isn't any string  $s$ .