

Substring substitution

Write a program that takes a string A (max 30 char) and a string B that is a substring of A. The program should replace the substring B in A with ' * ' every time.

Example:

A = abchdfffchdtlchd

B = chd

A (final) = ab***fff***t|***

Input

The first line contains a string A and B.

Output

The first line contains the string A corrected.

Sample input

Sample output

abchdfffchdtlchd chd	ab***fff***t ***
hello world or	hello w**ld
hello world!	ERROR