

## Problem 6 – X-Removal

You are given a sequence of **text lines**, holding only visible symbols, small and capital Latin letters. Your task is to **remove all X shapes** in the text. They may consist of small and capital letters at the same time, or any visible symbol. All of the **X shapes** below are **valid**:

a a a a a	B B B B B	T T t T t	p p P p P	& & & & &	* * * * *	etc.
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An **X Shape** is 3 by 3 symbols crossing each other on 3 lines. A single **X shape** can be part of **multiple** X shapes. If new X Shapes are formed after the first removal **you don't have** to remove them.

### Input

The input data comes as **comes from the console on a variable number of lines, ending with the keyword "END".**

### Output

Print at the console the input data after removing all **X shapes**.

### Constraints

- Each input line will hold between 1 and 100 Latin letters.
- The number of input lines will be in the range [1 ... 100].
- Allowed working time: 0.1 seconds. Allowed memory: 16 MB.

### Examples

Input	Output	Input	Output	Input	Output	Input	Output
abnbjs xoBab Abmbh aabab ababvvvv END	anjs xoa Amh aaa aavvvv END	8888888 08*8*80 808*888 0**8*8? END	888 00 08 0*? END	^u^ j^l^a ^w^WoWl adw1w6 (ldwolgPoop) END	u jl^a ol ad16 (dogPoop) END	puoUdai miU ausupirina 8n8i8 m8o8a 8l8o860 M8i8 8e8!8?! END	podai mi aspirina ni moa lo60 Mi e!?! END