

Problem 1 – Plus-Remove

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

a aaa a	B BBB B	T TtT T	p PPp P	& &&& &	* *** *	etc.
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Every **"plus shape"** is 3 by 3 symbols crossing each other on 3 lines. Single **"plus shape"** can be part of **multiple "plus shapes"**. If new **"plus shapes"** are formed after the first removal **you don't have** to remove them.

Input

The input data will be received from the console. It consists of variable number of lines. The input ends with the string **"END"**.

Output

Print at the console the input data after removing all **"plus 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: 0.2 seconds. Allowed memory: 16 MB.

Examples

Input	Output	Input	Output	Input	Output
ab**15 bBb*555 absh*5 ttHHH ttth	a**1 * as* tt ttt	888**t* 8888ttt 888ttt<< *8*0t>>hi	8*** << **0>>hi	@s@a@p@una p@@@@@@@@dna @6@t@*@*ego vdig*****ne6 li??^*^*	@sapuna p@dna @6tego vdigne6 li??^^