## 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. |

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** |
| a**b**n**b**js  xo**B**a**b**  A**b**m**b**h  aa**b**a**b**  a**b**a**b**vvvv  END | anjs  xoa  Amh  aaa  aavvvv | **8**8**8**8**8**8**8**  0**8\*8\*8**0  **8**0**8\*8**8**8**  0\***\*8\*8**?  END | 888  00  08  0\*? | **^**u**^**  j**^**l^a  **^w^W**o**W**l  ad**w**1**w**6  (**W**d**W**o**W**gPoop)  END | u  jl^a  ol  ad16  (dogPoop) | p**u**o**U**dai  mi**U**  a**u**s**u**pirina  **8**n**8**i**8**  m**8**o**8**a  **8**l**8**o**8**60  M**8**i**8**  **8**e**8**!**8**?!  END | podai  mi  aspirina  ni  moa  lo60  Mi  e!?! |