Problem A. Acronym

Sometimes, some words are too long to pronounce. So we tend to shorten these words by considering only the first letter from each word. For example, "international collegiate programming contest" is a long word, so we just call it as "ICPC" instead. In this way, every four words can be abbreviated into a 4-letter acronym.

Given four words, print the acronym formed from the uppercased first letters of the words.

Input

Your input consists of an arbitrary number of lines, but no more than 20. Each line contains four words separated by a space. Each word is only composed of lowercase English letters, and its length is at most 20.

The end of input is indicated by a line containing only the value -1.

Output

For each input line, print the acronym.

Example

standard input	standard output
too long didnt read	TLDR
as soon as possible	ASAP
you only live once	YOLO
-1	

Time Limit

1 second.