Lower case to upper case

Given a string containing only lowercase letters, generate a string with the same letters, but in uppercase.

Input:

The first line of input contains a single integer T denoting the number of test cases. Then T test cases follow. Each test case consist of one line. The first line of each test case consists of a string.

Output:

Corresponding to each test case, in a new line, print the string in uppercase.

Constraints:

 $1 \le T \le 100$
 $1 \le \text{string length} \le 50$

Example:

Input

geeks geeksforgeeks

Output

GEEKS

GEEKSFORGEEKS