
Problem A. Talal Assignment

Input file: `standard input`
Output file: `standard output`
Time limit: 2 seconds
Memory limit: 256 megabytes

Talal is a student in computer science in IIUM. He started to attend elementary programming lessons. On the first lesson, the teacher gave Talal an assignment to write a program. The program is supposed to do the following: in the given string, consisting of uppercase and lowercase Latin letters, it:

1. deletes all the vowels,
2. inserts a character “.” before each consonant,

Vowels are letters “A”, “O”, “Y”, “E”, “U” and “I”. Other letters are consonants. The program’s input is exactly one string, it should return the output as a single string, resulting after the program’s processing the initial string. The resulting string must be all uppercase.

Help Talal cope with this easy assignment.

Input

The first line represents input string of Talal’s program. This string only consists of uppercase and lowercase Latin letters and its length is from 1 to 100, inclusive.

Output

Print the resulting string. It is guaranteed that this string is not empty.

Examples

standard input	standard output
samir	.S.M.R
Nice	.N.C