

Programming Test #2

Pig Latin Translator

Description

The same group of researchers have discovered later that the sentence structure is very similar to English and that specific words need to be translated under different conditions. They now require a program to translate English sentences into this ancient text. The rules to translate any sentence in English to this foreign language are listed below.

Translation rules

1. If a word has no letters, don't translate it.
2. All punctuation should be preserved.
3. If the word begins with a capital letter, then the translated word should too.
4. If the word contains no consonants, let the prefix be empty and the word be the stem.
The word ending should be “yay” instead of merely “ay”.
 - a. For example, “I” would be “Iyay”

Assignment

Your task is to adapt the program you wrote in half an hour to fulfill these new requirements to perform sentence translation from English to this foreign language.

Sample session

Input: Stop

Output: Opstay

Input: No littering

Output: Onay itteringlay

Input: No shirts, no shoes, no service

Output: Onay irtsshay, onay oesshay, onay ervicesay

Input: No persons under 14 admitted

Output: Onay ersonspay underay 14 admitteday

Input: Hey buddy, get away from my car!

Output: Eyhay uddybay, etgay awayay omfray ymay arcay!