

The Parseltongue Conundrum: Problem

Imagine you're a 4th year Hogwarts student and you have your eye on a pretty witch. After you do a bit of asking around, you discover that she has a soft spot for reptiles. One day, while trying to impress her, you casually mention that you're a Parseltongue, with the ability to speak the language of the snakes. Just one small problem you can't speak a word of Parseltongue. Rather than coming clean about your lie, you decide it can't be that hard to fake speaking Parseltongue. You decide to write a program that will translate from English to Parseltongue to help you continue to impress the witch.

After a little research in the library, you discover that translating into Parseltongue isn't really that complicated. Strings of one or more consecutive vowels (including 'y') have an 'h' added to the beginning of the string, while strings of consecutive consonants have 'iss' appended to the end. Capitalization should be preserved. In the case where a capitalized word begins with a vowel, the new leading 'h' should be capitalized.

Your program should translate a single given word into Parseltongue

Sample Input (parsel.txt)

Do
not
Eat
my
friends

Sample Output

Dissho
nisshotiss
Heatiss
misshy
frisshiendsiss