

Hahaha Wkwkwk
Time Limit: 1s

Lim has one friend from Indonesia, namely Cecep. In order to gain a smooth conversation with Cecep, Lim wants to text him in Indonesian manner, which means that he wants all of his laughing terms are translated in Indonesian. In other words, he wants every concatenation of "ha" are translated to "wk". You, as his closest and only friend, want to help Lim by providing a translator. Such translator will accept a line of string and generate a translated version of given string. It is important to note that not all "ha" substring is translated to "wk". It is only translated when such substring is located in laughing term.

Input:

A line of string which length is less than 2000 characters

Output:

A string where all of its laughing terms are translated to Indonesian laugh (wkwk)

Sample input:

this code makes me happy! hahaha

Sample output:

this code makes me happy! wkwkwk