
Problem D Hissing Microphone

A known problem with some microphones is the “hissing s”. That is, sometimes the sound of the letter s is particularly pronounced; it stands out from the rest of the word in an unpleasant way. Of particular annoyance are words that contain the letter s twice in a row. Words like amiss, kiss, mississippi and even hiss itself.

Input

The input contains a single string on a single line. This string consists of only lowercase letters (no spaces) and has between 1 and 30 characters.

Output

Output a single line. If the input string contains two consecutive occurrences of the letter s, then output hiss. Otherwise, output no hiss.

Sample Input 1	Sample Output 1
amiss	hiss

Sample Input 2	Sample Output 2
octopuses	No hiss

Sample Input 3	Sample Output 3
hiss	hiss

Time Limit

1 second