


Hissing Microphone

Problem ID: hissingmicro**CPU Time limit:** 1 second**Memory limit:** 1024 MB**Difficulty:** 1.3

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.

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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

`amiss`

Sample Output 1

`hiss`

Sample Input 2

`octopuses`

Sample Output 2

`no hiss`

Sample Input 3

`hiss`

Sample Output 3

`hiss`