

A. BerOS file system

time limit per test: 2 seconds
memory limit per test: 64 megabytes
input: standard input
output: standard output

The new operating system BerOS has a nice feature. It is possible to use any number of characters `'/'` as a delimiter in path instead of one traditional `'/'`. For example, strings `//usr///local//nginx/sbin//` and `/usr/local/nginx///sbin` are equivalent. The character `'/'` (or some sequence of such characters) at the end of the path is required only in case of the path to the root directory, which can be represented as single character `'/'`.

A path called normalized if it contains the smallest possible number of characters `'/'`.

Your task is to transform a given path to the normalized form.

Input

The first line of the input contains only lowercase Latin letters and character `'/'` — the path to some directory. All paths start with at least one character `'/'`. The length of the given line is no more than 100 characters, it is not empty.

Output

The path in normalized form.

Examples

input
<code>//usr///local//nginx/sbin</code>
output
<code>/usr/local/nginx/sbin</code>