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Simplify Directory Path

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Given a string **A** representing an absolute path for a file (Unix-style).

Return the string A after simplifying the absolute path.

Note:

1. Absolute path always begin with '/' (root directory).
2. Path will not have whitespace characters.

Input Format

The only argument given is string A.

Output Format

Return a string denoting the simplified absolute path

For Example

Input 1:

A = "/home/"

Output 1:

"/home"

Input 2:

A = "/a/./b/../../c/"

Output 2:

"/c"