Assignment Case	
CH1Special	**BINUS** UNIVERSITY
Periode Berlaku Semester Ganjil 2021/2022 ***Valid on*** *Odd Semester Year 2021/2022*	**Software Laboratory Center** **Assistant Recruitment 22-1**

Soal

Case

UNIX Directory Path

Given an **absolute UNIX Path** that starting with a slash (/). Convert it to simplified **canonical path**. The **canonical path** should have the following format:

- The path starts with a single slash '/'.

- Any two directories are separated by a single slash '/'.

- The path does not end with a trailing '/'.

- The path only contains the directories on the path from the root directory to the target file or directory (i.e., no period '.' or double period '..')

Input

The program will ask for a string **path**.

Constraint

1 ≤ strlen(path) ≤ 3000

Output

Print the output with "OK" without quotes.

Example (Print out one '\n' at the end of the results)

Input	Output
/home/	/home/
/home//foo/	/home/foo
/a/../b/	/b