

## 2563 - Comments Out

### Description

Programming languages allow programmers to put comments within the code. The comments are a part of the code that the compiler ignores. This text serves to support the development of applications, especially when working in groups.

The Caribbean Judges Committee (CJC) is designing a new programming language to be used at different levels of the ACM-ICPC. A key task in this regard is the implementation of a compiler for that language.

The CJC#, name given to the new language, allows programmers to put comments. The comments on this language are one line (no multiline comments) and are enclosed in "#@" and "@#" (without the quotes). The first is used to open a comment and the second to close it. One of the unique characteristics of these comments is that they can be nested, i.e. have a comment inside another. Given these characteristics, the following lines are valid comments:

- #@Simple Comment@#

- #@Nested#@Comment@#with two@#

But these are not valid, since the amount of occurrences of "#@" is unequal to the amount of occurrences of "@#":

- #@Wrong#@Comment@#

- #@Wrong@# Comment@#

Furthermore, these chains must be balanced, i.e. never should see a comment that closes without a corresponding opening and vice versa.

Your task is to implement an algorithm that removes the code comments.

### Input specification

Several lines composed of characters. Characters # and @ can only be used to open and close comments, to ensure that the codes that represent these lines compile without error, i.e. the comments are always valid. Each line has no more than 1000 characters. You must read until the end of the file.

### Output specification

For each line of input print a line with the code that results after deleting comments.

## Sample input

```
#@Algorithm to find Fibonacci numbers@#
int fib(int n#@param #@ represent term to find @##)
{
    #@if is the first or second term@#
    if(n==0 | |n==1)
        return 1;
    return fib(n-1)+fib(n-2);
}#@end@#
```

## Sample output

```
int fib(int n)
{
    if(n==0 | |n==1)
        return 1;
    return fib(n-1)+fib(n-2);
}
```

## Hint(s)

Source	Yosuan Hernández Roque
Added by	<b>ymondelo20</b>
Addition date	2013-10-17
Time limit (ms)	1000
<b>Test limit (ms)</b>	1000
Memory limit (kb)	256000
Output limit (mb)	64
Size limit (bytes)	30000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text