

1485 - Increasing Order Word

Description

You are given a word *C* of 1000 characters at most, and you must order its characters ascending. In other words, you must find a permutation of its characters, which is lexicographically less than all.

Input specification

The only line of the input contain a word *C*.

Output specification

Print a single line with the ordered word *C*.

Sample input

```
adatda
```

Sample output

```
aaaddt
```

Hint(s)

Source	Yonny Mondelo Hernández (UCI)
Added by	ejaltuna
Addition date	2011-10-13 03:49:22.0
Time limit (ms)	5000
Test limit (ms)	1000
Memory limit (kb)	130000
Output limit (mb)	64
Size limit (bytes)	100000
Enabled languages	C C# C++ Java Pascal Perl PHP Python Ruby Text