2445 - Cannibal Strings

Description

Characters are cannibal. Yes, they eat each other!!!. The uppercase chars always eat the lowercase ones. An uppercase eats another uppercase and a lowercase eats another lowercase only if the eater is alphabetically greater than the victim (The eater is "more cannibal" than its victim). Given a string, each char will start eating chars to its right, and it will stop only when it found a char that cannot be eaten.

Input specification

Input will consist of a single string of uppercase and lowercase letters of at most **10000** characters.

Output specification

Output the char which can eat the greater number of chars. In case of a tie, output the most cannibal char.

Sample input

```
CannibalStrings
```

Sample output

```
C
```

Hint(s)

Source	TBA
Added by	**ymondelo20**
Addition date	2013-05-29
Time limit (ms)	4500
Test limit (ms)	1500
Memory limit (kb)	130000
Output limit (mb)	64
Size limit (bytes)	15000

Caribbean Online Judge

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