
Second most frequent letter**P70269_en**

Which is the second most frequent letter in a given word?

Input

Input consists of cases, each case being a word formed only by lower-case letters; each word comes in a line. The word has at least two different letters.

Output

For each word, your program must print the second most frequent letter. All ties are to be resolved in favor of the alphabetically smallest letter.

Sample input 1

```
aaaabbbccod  
edcba  
zazaz  
zaza
```

Sample output 1

```
b  
b  
a  
z
```

Problem information

Author: Salvador Roura

Translator: Jose Luis Balcazar

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