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## Second most frequent letter

P70269\_en

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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

```
aaaabbbccd  
edcba  
zazaz  
zaza
```

#### Sample output 1

```
b  
b  
a  
z
```

### Problem information

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