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## Easy game (2)

P85280\_en

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Consider the following game: Given a sequence of words, count the number of appearances of each one. At the end, print the word that has appeared less times, and the word has appeared more times.

### Input

Input is a non empty sequence of words.

### Output

Print the word that has appeared less times, and the word that has appeared more times, together with their counters. If there is a tie, choose the lexicographically smallest word.

### Sample input

```
why
on
qui
quan
que
que
why
com
qui
que
qui
why
```

### Sample output

```
com 1
que 3
```

### Problem information

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