

JudgeIt!

The Virtual Learning Environment for Computer Programming

Mode (1)

P86534_en

Using the definition

```
struct Pair {
    string word;
    int howmany;
};
```

write a program that finds the most frequent word of each sequence of words given.

Input

Each line contains a natural $n > 0$, followed by n non empty words formed exclusively by lowercase letters. A special line with $n = 0$ indicates the end of the input.

Output

For each line of the input, your program must print the word that appears more times. In a event of a tie it must print the greatest word alphabetically

Sample input

```
6 cat fish fish zebra fish cat
2 aaa b
0
```

Sample output

```
fish
b
```

Problem information

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