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## Sorting words

X30986\_en

Examen reavaluació PRO1, FIB (2015-02-06)

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Given several words, compute the number of appearances of each one. Print first the most common words, and use the lexicographical order to break ties.

### Input

Input consists of several cases. Every case begins with a number  $n$  between 1 and  $10^4$ , followed by  $n$  words made up only of lowercase letters.

### Output

Print the counters and the words in the right order. Print a line with 10 dashes at the end of every case.

Your program must meet the output format described in the examples and it should follow a right programming style. You may also decide to include comments, if appropriate.

#### Sample input

```
6
z
anna
abba
ivet
ivet
anna
```

```
3
hi
hi
hi
```

#### Sample output

```
2 anna
2 ivet
1 abba
1 z
-----
3 hi
-----
```

### Problem information

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