

# 9612번 - Maximum Word Frequency

시간 제한	메모리 제한	제출	정답	맞은 사람	정답 비율
1 초	128 MB	101	72	69	72.632%

## 문제

Term frequency-Inverse document frequency (tf-idf) is a numerical statistic which reflects the importance of words in a document collection. It is often used in information retrieval system. The number of times a word appears in the document (word frequency) is one of the major factors to acquire tf-idf.

You are asked to write a program to find the most frequent word in a document.

## 입력

The first line contains an integer  $n$  ( $1 \leq n \leq 1000$ ) which determines the number of words. The following  $n$  lines include the list of words, one word per line. A word contains only lower-case letters and it can contain up to 20 characters.

## 출력

Print out the word that has the highest frequency and its frequency, separated by a single space. If you get more than 2 results, choose only the one that comes later in the lexicographical order.

## 예제 입력 1 복사

```
10
mountain
lake
lake
zebra
tree
lake
zebra
zebra
animal
lakes
```

## 예제 출력 1 복사

```
zebra 3
```

## 출처

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