## **Word Frequency**

You are given a list of words. Some of words may appear multiple times. Then, you are given some questions. Each question is also a word. Your task is to reply how many times the question-word appearing in the above list.

#### Input

The input contains two parts. The first part is a list of words. These words are appearing in separate lines. The first part is terminated by a line containing a single character '#'. It then follows with the question-words line by line.

## **Output**

For each question, output the question-word first, and then an integer denoting the frequency. The question-word and the frequency are separated by a space.

#### **Sample Input**

one

little

two

little

three

little

Indians

#

one

little

four

Indians

indians

# **Sample Output**

one 1

little 3

four 0

Indians 1

indians 0