☆ Sort hotels list

Given a set of hotels and its guests reviews, sort the hotels based on a list of words specified by a user.

The criteria to sort the hotels should be how many times the words specified by the user is mentioned

in the hotel reviews.

Input:

The first line contains a space-separated set of words which we want to find mentions in the hotel reviews.

The second line contains one integer M, which is the number of reviews.

This is followed by M+M lines, which alternates an hotel ID and a review belonging to that hotel.

Output:

A list of hotel IDs sorted, in descending order, by how many mentions they have of the words specified in the input.

Notes:

- * The words to be find will **always** be single words like 'breakfast' or 'noise'. **Never** double words like 'swimming pool'.
- * Hotel ID is a 4-byte integer
- * Words match should be case-insensitive
- * Dots and commas should be ignored.
- * If a word appears in a review twice, it should count twice.
- * If two hotels have the same number of mentions, they should be sorted in the output based on their ID, smallest ID first.
- * In case one or more test cases time out, consider revisiting the runtime complexity of your algorithms

Sample Input

```
breakfast beach citycenter location metro view staff price

5

1

This hotel has a nice view of the citycenter. The location is perfect.

2

The breakfast is ok. Regarding location, it is quite far from citycente r but price is cheap so it is worth.

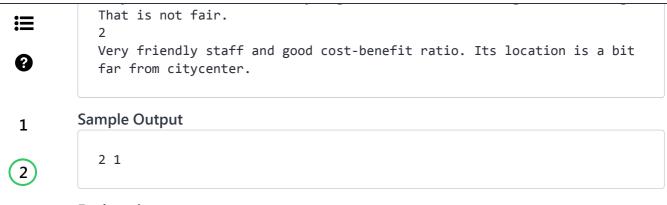
1
```

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3 Explanation

Hotel 2 has 7 mentions of the words: "location" and "citycenter" are mentioned twice while "breakfast", "price" and "staff" are mentioned once. Hotel 1 in the other hand has 6 mentions in total "location" and "citycenter" also twice and then "view" and "metro" once.

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed. The timer will pause up to 90 seconds for the tour.

Start tour

For help on how to read input and write output in Java 7, click here.

```
Original code
                                 Java 7
                                                              Ø
1 ▼import java.io.*;
 2
    import java.util.*;
    import java.text.*;
 3
 4
    import java.math.*;
 5
    import java.util.regex.*;
 7 ▼public class Solution {
        public static void main(String args[] ) throws Exceptio
 8 ▼
 9 1
            /* Enter your code here. Read input from STDIN. Pri
    output to STDOUT */
10
11
    }
                                                   Line: 1 Col: 1
```

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(You can submit any number of times)



L Download sample test cases Notepad to edit them on windows.

The input/output files have Unix line endings. Do not use

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