

Problem 3
Most common word

Difficulty: Level 1.5

Given a string paragraph and a string array of the banned words banned, return the most frequent word that is not banned. It is guaranteed there is at least one word that is not banned, and that the answer is unique.

The words in paragraph are case-insensitive and the answer should be returned in lowercase.

Input format:

Paragraph in the first line

Banned words in the second line

Example

Input:

Bob hit a ball, the hit BALL flew far after it was hit.

hit

Output:

ball