Auto complete

Given n number of words and an incomplete word w. You need to auto-complete that word w.

That means, find and print all the possible words which can be formed using the incomplete word w.

Note : Order of words does not matter.

Input Format :

The first line of input contains an integer, that denotes the value of n.
The following line contains n space separated words.
The following line contains the word w, that has to be auto-completed.

Output Format :

Print all possible words in separate lines.

Constraints:

Time Limit: 1 sec

Sample Input 1 :

7
do dont no not note notes den
no

Sample Output 2 :

no
not
note
notes

Sample Input 2 :

7
do dont no not note notes den
de

Sample Output 2 :

den

Sample Input 3 :

7
do dont no not note notes den
nom

Sample Output 3 :

(Empty) There is no word which starts with "nom"