Jojo Need Girl

Jojo is a very handsome man. He already has an established job as a teacher and is ready for a family. but, have not yet get the right partner. Lili as Jojo's friend suggested Jojo take a look for some dating site on the internet. There are many names of women there, but Jojo only likes women with certain names. You as a friend of Jojo are asked to help Jojo end his single period by determining whether or not the woman's name is on the website, and also you have to tell in what order the woman is.

Format Input

The input consists of several lines in **"testdata.in"** file.

The first line contains *N* and *M,* the number of names on the website and the number of names that Jojo likes, containing only alphabet characters.

The second line is N names on the website (Sorted).

The next M-th line is the name of the woman to be searched.

Format Output

Output "Position #*X*: *Y*" for each question, where *X* is the query number and *Y* the woman position.

If the name of the woman Jojo likes is not on the website, the output is "Jojo is forever alone".

If the name of the woman who Jojo likes more than 1, the output is "Jojo is confused"

Constraints

$1 \leq N \leq 10^4$
$1 \leq M \leq 10^4$
$1 \leq |Ai| \leq 10$

Sample Input (testdata.in)	Sample Output (standard output)
5 4 Bibi Bii Lii Lii Lili Bii Lili Lilili Lii	Position #1: 2 Position #2: 5 Position #3: Jojo is forever alone Position #4: Jojo is confused