Problem K
ls

Problem ID: ls
CPU Time limit: 1 second
Memory limit: 1024 MB

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You are implementing an operating system, and now need to write a program to list files in a directory: "ls". You want the user to be able to list only files that match a given pattern that can include wildcards (*), for example `*.c`. A wildcard matches zero or more characters of any kind.

Input

The first line contains a string P, containing 1–100 characters '`a`'–'`z`', '`*`' and '`.`'. This is the pattern. The second line contains an integer N, $1 \leq N \leq 100$, which is the number of files in the directory. Then follow N lines containing the names of the files in the directory. Each line is a string containing 1–100 characters '`a`'–'`z`' and '`.`'.

Output

The output shall consist of the filenames that match the pattern, P, each on its own line, in the same order that they were given as input.

Sample Input 1

```
*.*
4
main.c
a.out
readme
yacc
```

Sample Output 1

```
main.c
a.out
```

Sample Input 2

```
*a*a*a
4
aaa
aaaaa
aaaaax
abababa
```

Sample Output 2

```
aaa
aaaaa
abababa
```