Web servers like IIS or others route incoming requests to endpoints by matching the request path against a series of regular expressions. The first regular expression that matches determines which method should handle the request.

Write a dispatch routine to find the correct endpoint .

Your program should read its configuration from a file whose name is given as the first argument on the command line. This file will contain a list of path patterns, one per line, each followed by a space and a string token (taken to represent the name of the method that handles that endpoint).

Path patterns may contain wildcards, denoted by an X.

Here is a sample configuration file:

```
/  rootEndpoint
/find findRootEndpoint
/find/friends findFriendsEndpoint
/find/lists findListsEndpoint
/find/X findEndpoint
/find/X/friends findFriendsEndpoint
/find/X/lists findListsEndpoint
/find/X/lists/X findListIdEndpoint
/X/friends findFriendsEndpoint
/X/lists findListsEndpoint
/settings settingsEndpoint
```

The program should read request paths from STDIN, one per line, and should write the name of the method corresponding to the matching pattern to STDOUT.

Notes:

1. If multiple path patterns match, you should prefer static patterns to patterns with wildcards.
2. If no patterns match, you should print the string "404".

For example, given the above configuration and the following

input

```
/find/friends/friends
/abc/lists
/
/find
/find/friends
```

/find/123
/find/123/friends
/find/123/friends/zzz
/settings
/aaa/bbb

your program should output
findFriendsEndpoint
findListsEndpoint
rootEndpoint
findRootEndpoint
findFriendsEndpoint
findEndpoint
findFriendsEndpoint
404
settingsEndpoint
404