

# Problem G

## I Love Strings!!!

**Input:** Standard Input  
**Output:** Standard Output  
**Time Limit:** 4 Seconds

Hmmmmmm.....strings again :) Then it must be an easy task for you. You are given with a string **S** of length less than **100,001**, containing only characters from lower and uppercase English alphabet ('a'-'z' and 'A' – 'Z'). Then follows **q** (**q < 100**) queries where each query contains a string **T** of maximum length **1,000** (also contains only 'a'-'z' and 'A' – 'Z'). You have to determine whether or not **T** is a sub-string of **S**.

### Input

First line contains an integer **k** (**k < 10**) telling the number of test cases to follow. Each test case begins with **S**. It is followed by **q**. After this line there are **q** lines each of which has a string **T** as defined before.

### Output

For each query print 'y' if it is a sub-string of **S** or 'n' otherwise followed by a new line. See the sample output below.

### Sample Input

```
2
abcdefghABCDEFGH
2
abc
abAB
xyz
1
xyz
```

### Output for Sample Input

```
y
n
y
```

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