

GAME2

Bob is playing Hide and Seek with alphabets and he is amazed by the properties of '?' and '*' in the language. He is given a language 'L'. He has to check whether the given string 'S' is present in the language 'L'. He needs your help. Print "Yes" if S is present in L , else print "No".

Definition for L :

L consists of 28 characters , a-z and '?' and '*'

? denotes zero or 1 character(s).

* denotes 0 or any number of characters.

Example :

String "adb" is present in language $L = \{a?b\}$

String "adb" is present in language $L = \{a^*b\}$

String "ab" is present in language $L = \{a?*b^*\}$

Input

First line of input consists of T ($T \leq 50$). Every test case consists of two strings, first line consists of 'L' and second line consists of 'S'. L consists characters among the 28 characters 'a'-'z' , '?' , '*' only. S consists of only lower case alphabets.

Output

Print "Yes" if String 'S' is present in language 'L', else print "No".

Example

Input:

5

a?b

acb

a?b

abbb

a*b

abbbb

a*b

asbdfuisdhfsbdfsdfb

abb

bb

Output:

Yes

No

Yes

Yes

No