Simplest Pattern Search

Given a String S and a pattern P.

Check whether P exists in S or not.

Input

In first line is the number of testcases T. T>=1 and <=50.

Next 2*T lines contains a string S and string P.

Size of string S >= 1 and <= 1000 and it will contain only 'a'-'z'. Size of pattern P >= 1 and <= 1000 and will contain only 'a'-'z'.

Output

Print 'Yes' if P is found is S else Print 'No'.

Example

Input:
1
abc
b

Output:
Yes