

Simplest Pattern Search with Spaces

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. $T \geq 1$ 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' and spaces. Size of pattern P ≥ 1 and ≤ 1000 and will contain only 'a'-'z'.

Output

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

Example

Input:

```
1
abc def
def
```

Output:

```
Yes
```