1376 - I2P CS 2017 Fall Chen Final Exam

Scoreboard (/contest/scoreboard/1376/)

Time

2018/01/08 15:30:00	Contest Ended	2018/01/08 19:20:00

Clarification

#	Problem	Asker	Description	Reply	Replier	Reply Time	For all team
1	11790 - Secret Letter	judgevllab	考試剩不到15分鐘囉 ~ 保握第一筆測資	真的是範測	judgevllab	2018/01/08 18:44:44	✔

Overview | Problem ▾

11780 - Final Exam - Problem E

Status (/status/?pid=11780) | Limits | Submit (/users/submit/11780)

Description

Problem E - Rotation

Given two strings **s** and **t**, your task is to figure out whether there exists **s'** equals to **t**, where we denote **s'** as a left rotation or a right rotation of **s**.

For example, if **s** = **"abcd"**, then **s'** can either equals to **"abcd"**, **"bcda"**, **"cdab"** or **"dabc"**.

Input

The input consists of multiple test cases. The first line of the input contains one integer **T**, which is the number of the test cases **(1 ≤ T ≤ 100).** Each of the following **n** lines contains a test case formatted as follows.

s t

s and t are the two string mentioned above. The length of *s* and *t* are the same, and both of them are between *1* and *100*, inclusive.

Output

For each test case, print "Yes" if there exists *s'* equals to *t*, otherwise print "No".

Sample Input

Download (data:text/plain;charset=utf-8,3%0D%0Aaabb%20aabb%0D%0Aaabb%20abab%0D%0Aaabb%20abba)

```
3
aabb aabb
aabb abab
aabb abba
```

Sample Output

Download (data:text/plain;charset=utf-8,Yes%0D%0ANo%0D%0AYes)

```
Yes
No
Yes
```

Tags

Discuss