Day 66 coding Statement : Palindromic substrings

Anoop likes strings a lot but he likes palindromic strings more. Today, Anoop has two strings A and B, each consisting of lower case alphabets.

Anoop is eager to know whether it is possible to choose some non empty strings s1 and s2 where s1 is a substring of A, s2 is a substring of B such that s1 + s2 is a palindromic string.

Here '+' denotes the concatenation between the strings.

Input

First line of input contains a single integer T denoting the number of test cases.

For each test case:

First line contains the string A

Second line contains the string B.

Output

For each test case, Print "Yes" (without quotes) if it possible to choose such strings s1 & s2. Print "No" (without quotes) otherwise.

Input

3

abc

abc

a

b

abba

baab

Output

Yes

No

Yes

```
import java.util.*;
import java.lang.*;
import java.io.*;

public class Program {
	public static void main(String[] args) throws java.lang.Exception {
// your code goes here
		Scanner in = new Scanner(System.in);
		int t = in.nextInt();
		while (t-- > 0) {
			String a = in.next();
			String b = in.next();
			int count = 0;
			for (int i = 0; i < a.length(); i++) {
				for (int j = 0; j < b.length(); j++) {
					if (a.charAt(i) == b.charAt(j)) {
						count = 1;
						break;
					}
				}
				if (count == 1) {
					break;
				}
			}
			if (count == 1) {
				System.out.println("Yes");
			} else {
				System.out.println("No");
			}
		}
	}
}
```