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

Program :

```java
package com.talentbattle.codingchallenge;

import java.util.Scanner;

public class PalindromicSubStrings {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner scan = new Scanner(System.in);
        int t = scan.nextInt();

        while(t-->0)
        {
            String a = scan.next();
            String b = scan.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");
            }
        }
    }

}
```

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Project Explorer ×

AmitFeedback.java   NewTablet.java   PalindromicSubStrings.java ×

Sudeep ▶ src ▶ com.talentbattle.codingchallenge ▶ PalindromicSubStrings ▶ main(String[]) : void

```java
 9        Scanner scan = new Scanner(System.in);
10        int t = scan.nextInt();
11
12        while(t-->0)
13        {
14            String a = scan.next();
15            String b = scan.next();
16
17            int count = 0;
18
19            for(int i = 0; i < a.length(); i++)
20            {
21                for(int j = 0; j < b.length(); j++)
22                {
23                    if(a.charAt(i) == b.charAt(j))
24                    {
25                        count=1;
26                        break;
27                    }
28                }
29                if(count == 1)
30                {
31                    break;
32                }
33            }
34            if(count == 1)
35            {
36                System.out.println("YES");
37            }
38            else
39            {
40                System.out.println("NO");
41            }
42        }
43    }
44
45  }
46
```

Console ×

<terminated> PalindromicSubStrings [Java Application]

```
3
abc
abc
YES
a
b
NO
abba
baab
YES
```

Sudeep   JRE System Library [jdk-19]   src   (default package)   com.kodnest.programs   com.leetcode.programs   com.talentbattle.codingcha

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