



Two Strings ☆

Your Two Strings submission got 10.00 points.

[Share](#)[Tweet](#)

Problem

Submissions

Leaderboard

Editorial

Topics

Given two strings, determine if they share a common substring. A substring may be as small as one character.

For example, the words "a", "and", "art" share the common substring **a**. The words "be" and "cat" do not share a substring.

Function Description

Complete the function twoStrings in the editor below. It should return a string, either YES or NO based on whether the strings share a common substring.

twoStrings has the following parameter(s):

- *s1*, *s2*: two strings to analyze .

Input Format

The first line contains a single integer ***p***, the number of test cases.

The following ***p*** pairs of lines are as follows:

- The first line contains string ***s1***.
- The second line contains string ***s2***.

Constraints

- ***s1*** and ***s2*** consist of characters in the range `ascii[a-z]`.
- $1 \leq p \leq 10$
- $1 \leq |s1|, |s2| \leq 10^5$

Output Format

For each pair of strings, return YES or NO.

Sample Input

```
2
hello
world
hi
world
```

Sample Output



YES
NO

Explanation

We have $p = 2$ pairs to check:

1. $s_1 = \text{"hello"}, s_2 = \text{"world"}$. The substrings "o" and "l" are common to both strings.
2. $a = \text{"hi"}, b = \text{"world"}$. s_1 and s_2 share no common substrings.

C#



```
21     char[] chars_2 = s2.ToCharArray();
22
23     for (int i = 0; i < chars_1.Length; i++)
24     {
25         if (chars_2.Contains(chars_1[i]))
26         {
27             return "YES";
28         }
29     }
30     return "NO";
31
32 }
33
34 static void Main(string[] args) {
35     TextWriter textWriter = new StreamWriter(@System.Environment.GetEnvironmentVariable
36 ("OUTPUT_PATH"), true);
37
38     int q = Convert.ToInt32(Console.ReadLine());
39
40     for (int qItr = 0; qItr < q; qItr++) {
41         string s1 = Console.ReadLine();
42
43         string s2 = Console.ReadLine();
44
45         string result = twoStrings(s1, s2);
46
47         textWriter.WriteLine(result);
48     }
```

Line: 30 Col: 19

Upload Code as File ☐ Test against custom input

[Run Code](#)[Submit Code](#)

Terminated due to timeout :(

Ask your friends for help:



Test case 3 **Test case 4** **Test case 5** **Test case 0** **Test case 1** **Test case 2** **Test case 6** 

Hidden Test Case

Unlock this testcase for 5 hackos.

Unlock

[Contest Calendar](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)

