# Two Strings ★

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

**Example**

$s1 = \text{'and'}$

$s2 = \text{'art'}$

These share the common substring $a$.

$s1 = \text{'be'}$

$s2 = \text{'cat'}$

These do not share a substring.

**Function Description**

Complete the function twoStrings in the editor below.

twoStrings has the following parameter(s):

- string s1: a string
- string s2: another string

**Returns**

- string: either YES or NO

**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].
- $1 \le p \le 10$
- $1 \le |s1|, |s2| \le 10^5$

**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. $s1 = $ **"hello"**, $s2 = $ **"world"**. The substrings **"o"** and **"l"** are common to both strings.
2. $a = $ **"hi"**, $b = $ **"world"**. $s1$ and $s2$ share no common substrings.

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```csharp
1   using System.CodeDom.Compiler;
2   using System.Collections.Generic;
3   using System.Collections;
4   using System.ComponentModel;
5   using System.Diagnostics.CodeAnalysis;
6   using System.Globalization;
7   using System.IO;
8   using System.Linq;
9   using System.Reflection;
10  using System.Runtime.Serialization;
11  using System.Text.RegularExpressions;
12  using System.Text;
13  using System;
14
15  class Result
16  {
17
18      /*
19       * Complete the 'twoStrings' function below.
20       *
21       * The function is expected to return a STRING.
22       * The function accepts following parameters:
23       *  1. STRING s1
24       *  2. STRING s2
25       */
26
27      public static string twoStrings(string s1, string s2)
```

Line: 59 Col: 1

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