Given two strings **a**and **b**consisting of lowercase characters. The task is to check whether two given strings are an anagram of each other or not. An anagram of a string is another string that contains the same characters, only the order of characters can be different. For example, act and tac are an anagram of each other.

**Note:-**

* If the strings are anagrams you have to **return True or else return False**
* **|s|**represents the length of string s.

**Example 1:**

**Input:**a = geeksforgeeks, b = forgeeksgeeks

**Output:** YES

**Explanation:** Both the string have same characters with

same frequency. So, both are anagrams.

**Example 2:**

**Input:**a = allergy, b = allergic

**Output:** NO

**Explanation:** Characters in both the strings are

  not same, so they are not anagrams.

JAVA SOLUTION

import java.util.\*;

import java.lang.\*;

import java.io.\*;

class Code {

public static void main (String[] args)throws IOException {

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

int t = Integer.parseInt(br.readLine());

while(t-->0)

{

String str = br.readLine();

String s1 = str.split(" ")[0];

String s2 = str.split(" ")[1];

Solution obj = new Solution();

if(obj.isAnagram(s1,s2))

{

System.out.println("YES");

}

else

{

System.out.println("NO");

}

}

}

}

class Solution

{

public static boolean isAnagram(String a,String b)

{

Arrays.sort(a);

Arrays.sort(b);

return a.equals(b);

}

}