import java.util.Scanner;

class JavaProgram {

public static void main(String[] input) {

// declare variables

String str1, str2;

int len, len1, len2, i, j, flag = 0;

// Scanner class object to read input values

Scanner scan = new Scanner(System.in);

// read two strings from user

System.out.print("Enter First String : ");

str1 = scan.nextLine();

System.out.print("Enter Second String : ");

str2 = scan.nextLine();

len1 = str1.length();

len2 = str2.length();

// if two strings are of same length

// check if the strings are anagram to each other

if (len1 == len2) {

len = len1;

for (i = 0; i < len; i++) {

flag = 0;

for (j = 0; j < len; j++) {

// set flag = 1 and break from loop, if i-th charcter in first string

// is found in second string

if (str1.charAt(i) == str2.charAt(j)) {

flag = 1;

break;

}

}

// flag = 0, it indicates that some character in first string

// is not present in second string

if (flag == 0) {

break;

}

}

if (flag == 0) {

System.out.print("Strings are not Anagram to Each Other..!!");

} else {

System.out.print("Strings are Anagram");

}

} else {

System.out.print("Both Strings Must have the same number of Character to be an Anagram");

}

}

}