import java.util.Scanner;

public class tw9 {

@SuppressWarnings("empty-statement")

public static void main(String args[])

{

String s1,s2;

Scanner in=new Scanner(System.in);

System.out.println("Enter the String #1 :");

s1=in.next().toLowerCase();

System.out.println("Enter the String #2 :");

s2=in.next().toLowerCase();

check\_anagrams(s1,s2);

}

static void check\_anagrams(String s1,String s2)

{

char c1[] = s1.toCharArray();

char c2[] =s2.toCharArray();

String s3 =sort(c1);

String s4 =sort(c2);

System.out.println(s1 +" and " +s2 + " are anagrams--->"+s3.equalsIgnoreCase(s4));

}

static String sort(char arr[])

{

for(int i= 0; i < arr.length; i++){

for(int j=0; j<arr.length-1; j++)

{

if(arr[j]>arr[j+1])

{

char temp =arr[j];

arr[j]=arr[j+1];

arr[j+1]=temp;

}

}

}

return new String(arr);

}

}