import java.io.\*;

import java.util.\*;

class CP2 {

static int NO\_OF\_CHARS = 256;

static boolean areAnagram(char str1[], char str2[])

{

int count1[] = new int[NO\_OF\_CHARS];

Arrays.fill(count1, 0);

int count2[] = new int[NO\_OF\_CHARS];

Arrays.fill(count2, 0);

int i;

for (i = 0; i < str1.length && i < str2.length;

i++) {

count1[str1[i]]++;

count2[str2[i]]++;

}

if (str1.length != str2.length)

return false;

for (i = 0; i < NO\_OF\_CHARS; i++)

if (count1[i] != count2[i])

return false;

return true;

}

public static void main(String args[])

{

char str1[] = ("computerprogramming").toCharArray();

char str2[] = ("programmingcomputer").toCharArray();

if (areAnagram(str1, str2))

System.out.println("The two strings are" + " anagram of each other");

else

System.out.println("The two strings are not" + " anagram of each other");

}

}