**Check Permutation**

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For a given two strings, 'str1' and 'str2', check whether they are a permutation of each other or not.

**Permutations of each other**

Two strings are said to be a permutation of each other when either of the string's characters can be rearranged so that it becomes identical to the other one.

Example:

str1= "sinrtg"

str2 = "string"

The character of the first string(str1) can be rearranged to form str2 and hence we can say that the given strings are a permutation of each other.

**Input Format:**

The first line of input contains a string without any leading and trailing spaces, representing the first string 'str1'.

The second line of input contains a string without any leading and trailing spaces, representing the second string 'str2'.

**Note:**

All the characters in the input strings would be in lower case.

**Output Format:**

The only line of output prints either 'true' or 'false', denoting whether the two strings are a permutation of each other or not.

You are not required to print anything. It has already been taken care of. Just implement the function.

**Constraints:**

0 <= N <= 10^6

Where N is the length of the input string.

Time Limit: 1 second

**Sample Input 1:**

abcde

baedc

**Sample Output 1:**

true

**Sample Input 2:**

abc

cbd

**Sample Output 2:**

false