

# Check Permutation

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:

$0 \leq N \leq 10^6$

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