Q)..Check If a String Can Break Another String Given two strings: s1 and s2 with the same size, check if some permutation of string s1 can break some permutation of string s2 or viceversa. In other words s2 can break s1 or vice-versa.

A string x can break string y (both of size n) if x[i] >= y[i] (in alphabetical order) for all i between 0 and n-1.

```
Example 1:
Input: s1 = "abc", s2 = "xya"
Output: true
Program:
def canBreak(s1, s2):
s1 sorted = sorted(s1)
s2_sorted = sorted(s2)
s1 can break s2 = all(s1 char >= s2 char for
s1 char, s2 char in zip(s1 sorted, s2 sorted))
s2_can_break_s1 = all(s2_char >= s1_char for
s1_char, s2_char in zip(s1_sorted, s2_sorted))
return s1_can_break_s2 or s2_can_break_s1
s1 = "abc"
s2 = "xya"
print(canBreak(s1, s2))
Output:
```

C:\Users\srika\Desktop\CSA0863\pythonProject\.venv\Scripts\python.exe C:\Users\srika\Desktop\CSA0863\pythonProject\problem.py
True
Process finished with exit code 0

Time complexity:O(nlogn)