

```
def can_break(s1, s2):
    s1_sorted = sorted(s1)
    s2_sorted = sorted(s2)
    can_s1_break_s2 = all(c1 >= c2 for c1, c2 in zip(s1_sorted, s2_sorted))
    can_s2_break_s1 = all(c2 >= c1 for c1, c2 in zip(s1_sorted, s2_sorted))
    return can_s1_break_s2 or can_s2_break_s1
```

```
s2 = "xya"
```

INPUT:ABC,XYA

$$O(n)$$

```
PROBLEMS OUTPUT DEBUG CONSOLE PORTS TERMINAL
True
PS C:\Users\surya> & C:/Users/surya/AppData/Local/Programs/Python/Python312/python.exe c:/Users/surya/Untitled-1.py
True
PS C:\Users\surya> & C:/Users/surya/AppData/Local/Programs/Python/Python312/python.exe c:/Users/surya/Untitled-1.py
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PS C:\Users\surya> & C:/Users/surya/AppData/Local/Programs/Python/Python312/python.exe c:/Users/surya/Untitled-1.py
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