Codewriting 300

A string is said to be beautiful if each letter in the **string** appears at most as many times as **the previous letter in the alphabet within the string**; ie: b occurs no more times than a; c occurs no more times than b; etc. Note that letter a has no previous letter.

Given a string, check whether it is beautiful.

Example

• For inputString = "bbbaacdafe", the output should be solution(inputString) = true.

This string contains 3 as, 3 bs, 1 c, 1 d, 1 e, and 1 f (and 0 of every other letter), so since there aren't any letters that appear more frequently than the previous letter, this string qualifies as beautiful.

• For inputString = "aabbb", the output should be solution(inputString) = false.

Since there are more bs than as, this string is not beautiful.

• For inputString = "bbc", the output should be solution(inputString) = false.

Although there are more bs than cs, this string is not beautiful because there are no as, so therefore there are more bs than as.

Input/Output

- [execution time limit] 4 seconds (py3)
- [input] string inputString

A string of lowercase English letters.

Guaranteed constraints:

```
3 \le inputString.length \le 50.
```

[output] boolean

Return true if the string is beautiful, false otherwise.

[Python 3] Syntax Tips

```
# Prints help message to the console
# Returns a string
```

```
def helloworld(name):
    print("This prints to the console when you Run Tests")
    return "Hello, " + name
```