M03S01 [Arrays and Strings]: Exercise 10

CS110: Computing Lab
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Jan-May 2018

Problem Description

Write a program to print a modified version of a given string S. The modification rule is as follows:-

- Repeated characters of the original string S appears only once in the modified string S'.

- The modified string S' prints the character based on their frequency in S, i.e., character with higher frequency appears before the low frequency characters.

- In case of the two characters with the same frequency in S, then the characters will appear in alphabetical order in S'.

Your program can assume the following:

- Length of the string n is given and $n \leq 100$.

- String contains only either lowercase or uppercase characters but not both.

Example 1:
Input: drill
output: ldir

Example 2:
Input: checkmycode
Output: cedhkmoy