STUDENT REPORT

DETAILS

Name

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Roll Number

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EXPERIMENT

Title

MISSING ALPHABETS

Description

Pangram is a sentence containing every letter in the English alphabet. Given a string, find all characters that are missing from the string, Le., the characters that can make the string a Pangram We need to print output in alphabetic order.

For example,

Input: welcome to geeksforgeeks

Output: abdhijnpquvxyz

Source Code:

```python
import string

def find_missing_letters(s):
    # Step 1: Convert the input string to lowercase and remove non-alphabetic characters
    s = s.lower()

    # Step 2: Create a set of all alphabets
    all_letters = set(string.ascii_lowercase)

    # Step 3: Create a set of characters present in the input string
    present_letters = set(c for c in s if c.isalpha())

    # Step 4: Find the missing letters by taking the difference
    missing_letters = sorted(all_letters - present_letters)

    # Step 5: Return the result as a string
    return ''.join(missing_letters)

# Input
s = input()

# Output
print(find_missing_letters(s))
```

RESULT

5 / 5 Test Cases Passed | 100 %