Logo

STUDENT REPORT

DETAILS

Name

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Roll Number

KUB23CSE002

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:

```
def missing_pangram_characters(input_string):
    # Define the set of all letters in the English alphabet
    alphabet_set = set('abcdefghijklmnopqrstuvwxyz')

    # Convert the input string to lowercase and create a set of characters
    input_set = set(input_string.lower())

    # Find the missing characters by subtracting the input set from the alphabet set
    missing_characters = alphabet_set - input_set

    # Convert the missing characters to a sorted list
    sorted_missing_characters = sorted(missing_characters)

    # Join the sorted characters into a string
    result = ''.join(sorted_missing_characters)

    return result

# Example usage
input_string = input()
output = missing_pangram_characters(input_string)
print(output)
```

RESULT

5 / 5 Test Cases Passed | 100 %