Logo

STUDENT REPORT

DETAILS

Name

B SHRINIVAS

Roll Number

KUB23CSE018

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
def find_missing_characters(input_string):
    # Create a set of all letters in the English alphabet
    all_letters = set('abcdefghijklmnopqrstuvwxyz')

    # Normalize the input string to lowercase and create a set of present letters
    present_letters = set(input_string.lower())

    # Find missing letters by subtracting present letters from all letters
    missing_letters = sorted(all_letters - present_letters)

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

# Example usage
input_string = input().strip()
result = find_missing_characters(input_string)
print(result)
```

RESULT

5 / 5 Test Cases Passed | 100 %