



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: abdhijnpqvxyz

Source Code:

```
def find_missing_characters(input_string):
    # Define the complete set of alphabet letters
    alphabet = set("abcdefghijklmnopqrstuvwxyz")

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

    # Find the missing characters by subtracting input_set from alphabet
    missing_characters = sorted(alphabet - input_set)

    # Convert the sorted list back to a string
    return ''.join(missing_characters)

# Example usage
input_string = "welcome to geeksforgeeks"
result = find_missing_characters(input_string)
print(result) # Output: abdhijnpqvxyz
```

RESULT

1 / 5 Test Cases Passed | 20 %