Logo

STUDENT REPORT

DETAILS

Name

SIDIGONDE BHARATH KUMAR

Roll Number

TEMPBTech-ECE004

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_characters_to_pangram(s):

    # Define the set of all lowercase letters

    alphabet = set('abcdefghijklmnopqrstuvwxyz')

    # Convert the input string to a set of lowercase characters
    input_chars = set(s.lower())

    # Find the missing characters
    missing_chars = alphabet - input_chars

    # Sort the missing characters and join them into a string
    missing_sorted = ''.join(sorted(missing_chars))

    return missing_sorted

# Input reading
input_string = input().strip() # Read the input string

# Calculate and print the result
result = missing_characters_to_pangram(input_string)
print(result)
```

RESULT

5 / 5 Test Cases Passed | 100 %