



# STUDENT REPORT

## DETAILS

Name

SOUMYA R H

Roll Number

KUB23ECE033

## 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, i.e., 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 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

KUB

E033

923EC

3 KUB  
E033

CE03  
823EC

1B23E  
3 KUB

33 KUB  
EC