



# STUDENT REPORT

## DETAILS

### Name

BASAVARAJ KALLAPPA SHIRAGAVI

### Roll Number

KUB23CSE023

## 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(input_string):  
    # Define the full alphabet  
    alphabet = set('abcdefghijklmnopqrstuvwxyz')  
  
    input_chars = set(input_string.lower())  
  
    missing_chars = alphabet - input_chars  
  
    sorted_missing_chars = sorted(missing_chars)  
  
    return ''.join(sorted_missing_chars)  
  
# Input reading  
input_string = input()  
result = missing_characters_to_pangram(input_string)  
print(result)
```

## RESULT

5 / 5 Test Cases Passed | 100 %