Assignment of Subjective questions

1. Write a C program to count frequency of each character in a string using loop.

Sample Output

Enter any string: Programming

Frequency of all characters in the given string:

'a' = 1

'g' = 2

'i' = 1

'm' = 2

'n' = 1

'o' = 1

'p' = 1

'r' = 2

2. Write a C program to read any string from user and remove first occurrence of a given character from the string.

Sample Output

Enter any string: I love programming.

Enter character to remove from string: I

String after removing first 'I' : love programming.

3. Write a C program to read any string from user and remove last occurrence of a given character from the string.

Sample Output

Enter any string: I love programming.

Enter character to remove from string: I

String after removing last 'I' : love programming.

4. Write a C program to remove all occurrences of a given character from the string using loop.

Sample Output

Enter any string: I love programming.

Enter character to remove from string: I

String after removing 'I': love programming.

5. Write a C program to remove all repeated characters in a string using loops.

Sample Output

Enter any string: Programming in C.

String before removing duplicates: Programming in C.

String after removing duplicates: Progamin C.

6. Write a C program to replace first occurrence of a character with another character in a string.

Sample Output

Enter any string: I love programming.

Enter character to replace: .

Enter character to replace '.' with: !

String before replacing: I love programming.

String after replacing first '.' with '!' : I love programming!

7. Write a C program to replace last occurrence of a character with another in a given string.

Sample Output

Enter any string: Do you love programming.

Enter character to replace: .

Enter character to replace '.' with: ?

String before replacing:

Do you love programming.

String after replacing '.' with '?':

Do you love programming?

8. Write a C program to replace all occurrence of a character with another in a string using function.

Sample Output

Enter any string: I\_love\_learning\_at\_SCA.

Enter character to replace: \_

Enter character to replace '\_' with: -

String before replacing:

I\_love\_learning\_at\_SCA.

String after replacing '\_' with '-' :

I-love-learning-at-SCA.

9. Write a C program to find the first occurrence of word in a string using loop.

Sample Output

Enter any string: I love programming!

Enter word to be searched: love

'love' is found at index 2.

10. Write a C program to find last occurrence of a word in given string using loop.

Sample Output

Enter any string: I love programming. I love SCA.

Enter any word to search: love

Last index of 'love' = 22