Assignment of Subjective questions

1. Write a C program to count total number of alphabets, digits or special characters in a string using loop.

Sample Output

Enter any string : I love programming.

Alphabets = 16

Digits = 0

Special characters = 3

2. Write a C program to find total number of vowels and consonants in a string using loop and if else.

Sample Output

Enter any string: I love programming.

Total number of vowel = 6

Total number of consonant = 10

3. Write a C program to count total number of words in a string using loop.

Sample Output

Enter any string: I love programming.

Total number of words = 3

4. Write a C program to input any string from user and reverse the order of words.

Sample Output

Enter any string: I love learning programming at SCA

Original string

I love learning programming at SCA

Reverse ordered words

SCA at programming learning love I

5. Write a C program to input any string from user and find the first occurrence of a given character in the string.

Sample Output

Enter any string: I love programming.

Enter character to be searched: o

'o' is found at index 3.

6. Write a C program to input any string from user and find the last occurrence of a given character in the string.

Sample Output

Enter any string: I love programming.

Enter any character to find: o

Last index of 'o' is 9

7. Write a C program to search all occurrences of a character in a string using loop.

Sample Output

Enter any string: I love programming.

Enter any character to search: o

'o' is found at index 3

'o' is found at index 9

8. Write a C program to count all occurrences of a character in a string using loop.

Sample Output

Enter any string: I love programming.

Enter any character to search: o

Total occurrence of 'o' = 2

9. Write a C program to find maximum occurring character in a string using loop.

Sample Output

Enter any string: I love google

Maximum occurring character is 'o' = 3 times.

10. Write a C program to find minimum occurring character in a string using loop.

Sample Output

Enter any string: I love programming.

Minimum occurring character is '.' = 1.