Assignment of Subjective questions

1. Write a C program to search all occurrences 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

'love' found at index: 2

'love' found at index: 22

2. Write a C program to count occurrences of a word in a given string using loop.

Sample Output

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

Enter word to search occurrences: love

Total occurrences of 'love': 2

3. Write a C program to input any string from user and remove first occurrence of a given word from string.

Sample Output

Enter any string: Learn programming with C.

Enter string to be removed: Learn

String after removing 'Learn':

programming with C.

4. Write a C program to remove from last occurrence of a word in given string using loop.

Sample Output

Enter any string: I am a programmer. I learn at SCA.

Enter word to remove: I

String after removing last 'I':

I am a programmer. learn at SCA.

5. Write a C program to remove all occurrences of a given word in string using loop.

Sample Output

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

Enter word to remove: I

String before removing 'I' :

I love programming. I love SCA.

String after removing 'I' :

love programming. love SCA.

6. Write a C program to trim leading white space characters from a given string using loop.

Sample Output

Enter any string: lots of leading space.

String before trimming leading whitespace:

lots of leading space.

String after trimming leading whitespace:

lots of leading space.

7. Write a C program to trim trailing/end white space characters in a string using loop.

Sample Output

Enter any string: Lots of trailling white space.

String before trimming trailing white space:

'Lots of trailling white space. '

String after trimming trailing white spaces:

'Lots of trailling white space.'

8. Write a C program to trim both leading and trailing white space characters in a string using loop.

Sample Output

Enter any string: Lots of leading and trailling spaces.

String before trimming white space:

' Lots of leading and trailling spaces. '

String after trimming white space:

'Lots of leading and trailling spaces.'

9. Write a C program to remove extra spaces, blanks from a string.

Sample Output

Enter any string: learn C programming at SCA.

String before removing blanks:

'learn C programming at SCA.'

String after removing blanks:

'learn C programming at SCA.'