1. Write a C program to replace all occurrence of a character with another in a string using function. How to replace all occurrences of a character with another in a string using functions in C programming. Logic to replace all occurrences of a character in given string.

Example

Input

```
Input string: I_love_learning_programming.
Input character to replace: _
Input character to replace with: -
```

Output

```
String after replacing '_' with '-': I-love-learning-programming
```

2. Write a C program to find the first occurrence of word in a string using loop. How to find the first occurrence of any word in a given string in C programming. Logic to search a word in a given string in C programming.

Example

Input

```
Input string: I love programming!
Input word to search: love
```

Output

```
'love' is found at index 2.
```

Logic to find first occurrence of a word

Below is the step by step descriptive logic to search a word in given string.

1. Input string from user, store it in some variable say str.
2. Input word to be searched from user, store it in some other variable say word.
3. Run a loop from start of the string str to end.
4. Inside loop for each character in string str. Match first character of word with current character of str. If both matched then proceed to below step otherwise continue to next character in str.

5. If current character of str is equal to first character of word. Then, for each character in word match the rest of characters with str. If any character does not matches then go back to step 4.