

## Lab 10 (Optional Questions)

### String

#### Question-1.

Write a program including a function which has two string inputs. Count the number of occurrence of the second string in the first string and output it. The two strings won't be null and if the second string does not occur, the number should be 0.

#### Expected Outcomes:

Example 1
Enter two strings: <u>abababab</u> <u>bab</u> The occurrence of bab in abababab is: 3
Example 2
Enter two strings: <u>sabcabcdabc</u> <u>bc</u> The occurrence of bc in sabcabcdabc is: 3
Example 3
Enter two strings: <u>wheneverforever</u> <u>eve</u> The occurrence of eve in wheneverforever is: 2

Question-2.

Write a program including a function called **replace**. The input and output of the function are both one cstring. The function is used to replace all the spaces in the given input string by '%0'. In the main function, cout the modified cstring.

Expected Outcomes:

Example 1
Enter the input string: we are happy The replace string is: we%0are%0happy
Example 2
Enter the input string: what The replace string is: what
Example 3
Enter the input string: count the number of char The replace string is: count%0the%0number%0of%0char