LAB EXAMPLES RELATED TO STRINGS

1. Write a function that computes the number of a specific character in a string. The character and string must be entered by user.

   The function prototype → int Find_Letter(char *A, char ch)

2. Write a recursive equivalent function of
   int strlen(char *A).

   clue: A+1 represents the address of the second element of array A.

3. Write a function that reverses a string.

4. Write a function that reverses the first n characters of a string.
   Ex: A: Ahmet
   A: temhA

   or
   A: Mehmet has gone to the school.

   A: sah temheM gone to the school.

5. Write a recursive function that copies one string to another.
6. Write a function that converts a string to lowercase.
7. Write a recursive function converts a string to lowercase.
8. Write a function that converts a string to uppercase.
9. Write a recursive function converts a string to uppercase.
10. Write a C program that finds the number of vowels, consonants and numeric characters in a string.
11. Write a function that finds the first occurance of given character in a string and returns the rest. As an example let str[]="**Mathematical**" and the character is '**a**' the function must return "**athematical**".
12. Write a function that finds the last occurance of given character in a string and returns the rest. As an example let str[]="**Mathematical**" and the character is '**a**' the function must return "**al**".
13. Write a function that finds the first occurance of a given string in another string and returns the rest. As an example let str[]="**Mathematical**" and the other string is "**hem**", the function must return "**hematical**".