Assignment 8: String

1) Without using inbuilt string functions, perform the following in C language:
   a) copy one string into another
   b) compare two strings
   c) concat two strings
   d) reverse a given string

2) Write a program to print the equivalent ASCII code of the string entered by the user.

3) Write a program to sort a given string in alphabetical order.

4) Perform the following in C language:

   For two strings given by the user, merge them and print the third-string in the following manner:

   Input: String1: FCP String2: subject

   Output string: FCP subject

5) Write a program to count all occurrences of a particular word from a given string.

6) Write a program in C to replace a particular word by another word from a given string.

Extended

   1. Write a program in C to find the maximum occurring character in a string.

   2. Write a C program to check whether a given substring is present in the given string.

   3. Write a program in C to remove only digits from the string if any(exclude alphabets).

   4. Write a program in C to find the largest and smallest word in a string.

   5. Write a program in C to read a file and remove the spaces between two words of its content.

6. Write a program in C to count the total number of alphabets, digits and special characters in a string.