**Day-6 Assignments**

**Strings**

1. Write a C program to perform the following operations on two strings using intrinsic functions.

* Concatenate two strings
* Find the length of each string
* Compare two strings
* Copy string
* Find whether string1 is the subset of the second string or not(strstr)

1. Write a C program to perform the following operations on two strings without using string library functions.
   * + Concatenate two strings
     + Find the length of each string
     + Compare two strings
     + Copy string
     + Reverse the string
2. Write a program to convert lower case string to upper case string and vice versa.
3. Write a program to print out all rotations of a string typed in. For eg:if the input is “Space”, the output should be: space paces acesp cespa espac.
4. Write a C Program to Count the Number of Vowels, Consonants, digits and remaining characters in given string
5. Write a C program to remove characters in a given string except alphabets