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| **Unit – 2** | | |
| **Day – 10** | | |
| **Lec #** | **Topics to be covered :** | **Assignments :** |
| 1 | String, character manipulation functions | **Essential Assignment**   1. Write a program which takes one string from the user and copy its content to the second string using library function of string.h library file. Display the content of the second string. 2. Write a program which takes two strings from the user and concatenate first string content to the second string using library function of string.h library file. Display the content of the second string. 3. Write a program which takes one string from the user and find its length. using library function of string.h library file. Display the content of the input string. 4. Write a program which takes two strings from the user and compare its content to the third string using library function of string.h library file. Display the content of the third string. 5. Write a program which takes one string from the user and display the content of the string in reverse order.   For example :  Enter the string : LJMCA Reverse string : ACMJL   1. Write a program to check whether the given string is palindrome or not? A string is said to be palindrome if reverse of the string is same as string.   For example, “abba” is palindrome, but “abbc” is not palindrome. Further abbcbba is also palindrome.  **Desirable Assignment**   1. Write the above programs No 1- 4 of Essential Assignment Section without use of the string.h library functions. |
| 2 | String functions |