

## Assignment - 6

1	Explain getch(), getchar(), gets(), fputc ( ) and fputs() functions.
2	What is UDF? Describe advantages of UDF.
3	Explain the function definition, function prototype and function call with relative example.
4	Build a function to check number is prime or not. If number is prime then function return value 1 otherwise return 0
5	Develop a function to print first N Fibonacci numbers.
6	A. Define recursion. B. What care must be taken while writing a program with recursive function? C. Write code to find n Factorial using recursive function D. List the advantages of recursion
7	Write a C program to find $1+1/2!+1/3!+1/4!+.....+1/n!$
8	In user defined function, what is actual argument and formal argument?
9	Write a program to calculate $nCr$ using user defined function. $nCr = n! / (r! * (n-r)!)$
10	Write a program in C using function to check whether two given strings are an palindrome or not.