

**Academic Year 2023-24****Assignment No: 01****Subject: C- Programming****Semester: II**

Sr no.	Questions	CO Mapped
1.a)	Exemplify conditional operators used in C language with proper examples.	CO1
b)	Evaluate bitwise operators available in C .	CO1
2.a)	Compare between entry and exit controlled loop with an example.	CO2
b)	Exemplify break , continue with proper example.	CO2
3.a)	Write a program to accept a number and to check whether it is an Armstrong number or not.	CO2
b)	Write a program to print the following pattern.Accept number of rows from user and display that much number of rows in output. * 1 and **** ** 01 *** *** 101 ** **** , 0101 *	CO2
4.a)	Define Flowchart and Draw flowchart to find the sum of digits of an accepted .	CO1

b)	Exemplify data type modifiers available in C language.	CO1
5.a)	Write a program to find the factorial of a given number using a function .	CO3
b)	Write a program to accept three numbers and to find the largest of three numbers using nested if-else.	CO2
6.a)	Write the output for the following code: <pre>#include<stdio.h> Void main() { Int i; for(i=0;i<5;i++) printf("%d",i); print("\nhi"); }</pre>	CO1
b)	Exemplify control breaking statement available in C .	CO2
7.a)	Exemplify the multi way branching statement available in C language with example.	CO2
b)	Write a C program to check whether the user entered string is palindrome or not.	CO2
8.a)	Write a program to display all prime number from 100 to 500	CO2
b)	Write a program to display fibonacci series	CO2
9.a)	Exemplify the need for a function prototype with an example.	CO3
b)	Write a program using a function to check if the entered number is a prime number or not.	CO3

