

LIST OF EXPERIMENTS

CYCLE - 1

Exp. No.	
1.1 1	write a C program to calculate. a) Area of triangle b) Type casting c) Interchanging values of 2 variables
1.2 2	a) conversion of Fahrenheit to Celsius. b) simple interest c) square root of a given number.
1.3 3	a) Read lower case character and convert to upper case. b) maximum of 3 values using conditional c) area & perimeter of a triangle
1.4 4	a) Roots of quadratic equation b) max and min of three no's using if-else
1.5	c) grade of student d) given year is leap year or not.
1.6 5	a) Arithmetic operations using switch case b) Read a number and display in reverse c) Armstrong Property
1.7 6	a) Factorial of given no. b) number is palindrome property c) Generate Fibonacci series d) prime no's b/w 2 numbers.
1.8 7	
1.9	
1.10	

CYCLE - 2

Exp. No.	
2.1 7	Implement the following using arrays: a) Largest & smallest from list of elements c) Bubble sort. b) program for linear search
2.2 8	a) matrix addition c) Transpose b) matrix multiplication d) string handling functions.
2.3 9	a) Factorial using recursion & non-recursion b) GCD using recursion
2.4 10	a) Find sum and avg of list of elements using DMA functions b) Implement of call by value and call by reference
2.5 11	a) Implement of array of structure
2.6	b) Demonstration of union
2.7 12	a) write a C program to write and read text into a binary file using fread() and fwrite().
2.8	
2.9	b) copy the contents of one file into another.
2.10	c) count the number of characters, words and lines in a file