

List of Experiments (Jan-June 2023)

PPS LAB (BCS-151A)

Sl. No	Name of the experiments
1	WAP in C to print the Hello World with your details
2	WAP in C to add two numbers
3	WAP in C to find area and perimeter of a circle
4	WAP in C to convert Fahrenheit to Celsius and vice-versa
5	WAP in C to find the largest number among given three numbers
6	WAP in C to create a simple calculator (+, -, *, /) using switch case
7	WAP in C to find the factorial of given number
8	WAP in C to check a given number is prime or not
9	WAP in C to print all prime numbers between a range
10	WAP in C to convert decimal to binary
11	WAP in C to convert binary to decimal
12	WAP in C to print Fibonacci series
13	WAP in C to print pattern pyramid like: <pre> * </pre>
14	WAP in C to print pattern pyramid like: <pre> * *** ***** ***** ***** </pre>
15	WAP in C to print pattern pyramid like: <pre> 1 232 34543 4567654 567898765 </pre>
16	WAP in C to print pattern pyramid like: <pre> 1 1 1 1 2 1 1 3 3 1 1 4 6 4 1 1 5 10 10 5 1 </pre>
17	WAP in C to print pattern pyramid like: <pre> ***** **** *** ** * </pre>

18	WAP in C to swap two numbers by various methods
19	WAP in C to check a given number is palindrome or not
20	WAP in C to find the sum of different series
21	WAP in C to add two matrices
22	WAP in C to multiply two matrices
23	WAP in C to transpose a matrix
24	WAP in C to find the sum of diagonal elements
25	WAP in C to print the upper and lower triangle of a given matrix
26	WAP in C by using function for above sl.no 7
27	WAP in C by using function for above sl.no 8
28	WAP in C by using function for above sl.no 9
29	WAP in C by using function for above sl.no 17
30	WAP in C to find factorial using recursion
31	WAP in C to print Fibonacci series using recursion
32	WAP in C to find LCM and GCD using recursion
33	WAP in C to find two maximum and two minimum of an array
34	WAP in C for string library functions
35	WAP in C to count the no. of characters and no. of words of a string without using library functions
36	WAP in C to copy a string to another without using library functions
37	WAP in C to create a student structure and access members
38	WAP in C to create an employee structure and take 50 employees records and print them and find the particular field
39	WAP in C to apply linear search
40	WAP in C to apply binary search using iterative
41	WAP in C to apply binary search using recursive
42	WAP in C to implement bubble sort
43	WAP in C to implement selection sort
44	WAP in C to implement insertion sort
45	WAP in C to create a FILE
46	WAP in C to copy the content of one FILE into another FILE
47	WAP in C to find the even and odd numbers from a given FILE
48	WAP in C to count the no. of words, characters and lines in a FILE
49	WAP in C to apply concept of pointers
50	WAP in C to implement dynamic memory allocations