

UCCC & SPBCBA & SDHG COLLEGE OF BCA & I.T.

F.Y.B.C.A. (Semester – 1) :: 2026-27

Practical Journal

Computer Programming and Programming Methodology

[104 - CPPM]

Sr.	Problem Description	Page No.	Sign.
01	Write a 'C' program to Input Principle Amount, Rate of Interest and Number of Year for amount deposit, calculate Simple Interest and display it.		
02	Write a 'C' program to check whether an input character is Vowels or consonant.		
03	Write a 'C' program to Check Whether a Number is Positive, Negative or Zero		
04	Write a 'C' program to find out largest value of input three numbers.		
05	Write a 'C' program to input a week day number and print a week day name using switch case. (1-Monday ... 7-Sunday)		
06	Write a 'C' program to input a number and display its multiplication table.		
07	Write a 'C' program to check input number is Prime or not.		
08	Write a 'C' program to check input number is Armstrong number or not.		
09	Write a 'C' program to display Fibonacci series of input N term.		
10	Write a 'C' program to input a number, reverse it and check whether given number is palindrome or not.		
11	Write a 'C' program to count Vowels and Blank Spaces in an input string and display it.		
12	Write a 'C' program to input a number and print a 'Star Triangle' and 'Number Triangle' separately based on it. For e.g. if input number is 5, Star Triangle * * * * * * * * * * * * * * * Number Triangle 1 1 2 1 2 3 1 2 3 4 1 2 3 4 5		
13	Write a 'C' program to check input string is Palindrome or not.		

Sr.	Problem Description	Page No.	Sign.
14	Write a menu driven 'C' program to perform following task by 1. Read Array Elements. 2. Display Array Elements. 3. Find largest element from an Array. 4. Find smallest element from an Array. 5. Calculate Sum and Average of Array elements 0. Exit		
15	Write a menu driven 'C' program to input elements of two matrices, display it and perform addition operation on these input matrices and display resultant matrix.		
16	Write a C program that create a UDF: power (a, b) , to calculate the value of a raised to b . Values of a and b entered through the keyboard.		
17	Write a menu driven 'C' program to perform following task using user defined function . 1. Read and Display Array Elements. 2. Perform Bubble Sort and display elements. 3. Perform Selection Sort and display elements. 0. Exit		
18	Write a 'C' program to input a number and display factorial value of a given number using concept of recursive function.		
19	Write a 'C' program to input array elements and search any input element using concept of pointer arithmetic and display its position in the array.		
20	Write a C Program to create a structure to specify data on student as given below: Roll number, Name, Course, Obtained Percentage (Assume that there are not more than 100 students) Input Students information for user given N number of students and display them properly.		