

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

F.Y.B.C.A. (Semester – 1) :: 2025-26

Practical Journal

Computer Programming and Programming Methodology

[104 - CPPM]

Sr.	Problem Description	Signature
01	Write a 'C' program to Input angles of a triangle and check whether the triangle is valid or not.	
02	Write a 'C' program to check given number is Leap Year or not.	
03	Write a 'C' program to swap two numbers without using third one (temporary variable).	
04	Write a Menu Driven 'C' program to create a simple calculator (perform following arithmetic task as per user input choice.) A. Add, B. Subtract, C. Multiply, D. Division, E. Exit	
05	Write a 'C' program to find factorial value of input number.	
06	Write a 'C' program to display Fibonacci series of input N term.	
07	Write a 'C' program to reverse input number. E.g. if input number is 7946, output should be 6497.	
08	Write a 'C' program to check input number is Prime or not.	
09	Write a 'C' program to display sum of digits of input number. E.g. if input number is: 7812 output should be 18.	
10	Write a 'C' program to check input number is Armstrong or not.	
11	Write a 'C' program to count vowels in input string.	
12	Write a 'C' program to check input string is Palindrome or not.	
13	Write a 'C' program to Count the total number of words in a string.	
14	Write a 'C' program to Put even and odd elements of an array in two separate arrays.	
15	Write a Menu Driven 'C' program to perform following task as per user input choice. A. Find out a Maximum element. B. Find out a Minimum element. C. Sort array elements in Ascending Order. D. Sort array elements in Descending Order.	

Shrey

Phadnis
21/7/2025