MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH & STUDIES

PPS LAB ASSINMENT IN C

Class: *B.Tech 1ST Year* ***Branch:*** *CSE + CSE(SPL)*

Date*: 27-10-2021* ***Subject coordinator:*** *Dr. Ramesh Ch Sahoo*

Prog. #1	WAP that accepts the marks of 5 subjects and finds the sum and percentage marks obtained by the student.
Prog. #2	WAP that calculates the Simple Interest and Compound Interest. The Principal , Amount, Rate of Interest and Time are entered through the keyboard.
Prog. #3	WAP that swaps values of two variables using a third variable.
Prog. #4	WAP to find the greatest of three numbers.
Prog. #5	WAP that finds whether a given number is even or odd.
Prog. #6	WAP that tells whether a given year is a leap year or not.
Prog. #7	WAP that accepts marks of five subjects and finds percentage and prints grades according to the following criteria: Between 90-100%----------Print 'A' 80-90%----------Print 'B' 60-80%----------Print 'C' Below 60%----------Print 'D'
Prog. #8	WAP that takes two operands and one operator from the user to design a simple calculator with four basic operations (+,-,*,and /) and prints the result by using Switch statement.
Prog. #9	WAP to print the sum of all numbers up to a given number.
Prog. #10	WAP to find the factorial of a given number.
Prog. #11	WAP to print sum of even and odd numbers from 1 to N numbers.
Prog. #12	WAP to print the Fibonacci series.
Prog. #13	WAP to find the reverse of a number and check for palindrome.
Prog. #14	WAP to print Armstrong numbers from 100 to 999.
Prog. #15	WAP to convert binary number into decimal number.
Prog. #16	WAP to convert decimal number into binary number.
Prog. #17	WAP to print the Pascal triangle pyramid pattern as: 1 1 1 1 2 1 1 3 3 1 1 4 6 4 1 1 5 10 10 5 1 up to N rows given by user.

Prog. #18	WAP to generate multiplication table of a given integer number.
	Eg. `Enter an integer: 9`
	`9 * 1 = 9`
	`9 * 2 = 18`
	`9 * 3 = 27`
	`9 * 4 = 36`
	`9 * 5 = 45`
	`9 * 6 = 54`
	`9 * 7 = 63`
	`9 * 8 = 72`
	`9 * 9 = 81`
	`9 * 10 = 90`

Prog. #19	WAP to find GCD and LCM of two given numbers.
Prog. #20	WAP to display factors of a given number. Eg. `Enter a positive integer: 60` `Factors of 60 are: 1 2 3 4 5 6 10 12 15 20 30 60`