CP-Lab -4

1. WAP that asks the user to enter a list of integers. The list will be considered terminated when user enters 0. The program should determine the largest value entered and the number of times it was entered.

2. Write a program to find factorial of a non negative integer n where n is entered by user.

3. Consider a currency system in which there are notes of seven denominations, namely, Re.1, Rs. 2, Rs. 5, Rs. 10, Rs. 50 and Rs. 100. If a sum of Rs. N is entered through the keyboard, write a program to compute the smallest number of notes that will combine to give Rs. N.

4. Write a C program to enter numbers till the user wants (number zero is an indication that there are NO more inputs) and at the end it should display the count of Positive and Negative numbers entered.

5. Write a C program to evaluate the following equation/print the sum (You can take any n as a positive integer).

$$\text{Sum} = 2 + 5 + 10 + 17 + 26 + \cdots \text{up} - \text{to n terms}$$