**Lab -1 CSE-SLOT-2 4th August 2021**

1. WAP in C to store the author, title, and price of 10 books using structure and display the book details.

2. WAP in C to define a structure to store the employee name, ID, DOB, and basic salary of an employee. Store the details of 10 employees. Display the employee information having the highest salary. Sort the employee details according to their salary.

3. WAP in C++ to input name, roll number and marks in 5 subjects for n number of students. Write

functions to:-

a. Find total marks and percentage of all n students.

b. Display details of a student with a given roll number.

c. Display the details for all the students having percentage in a given range.

d. Sort the array in ascending order of marks.

1. WAP in C++ to show the following two uses of scope resolution operator on variables.
   1. To access the global and local variable
   2. To define a function outside the class
2. WAP in C++ to input two integers and calculate their sum and average using classes.
3. WAP in C++ to demonstrate the scope of a variable.
4. WAP in C++ to create a class which stores the name, ID, age and basic salary of an employee. Input data for ‘n’ number of employees. Calculate the gross salary of all the employees and display it along with the other details in tabular form.

Gross Salary = Basic Salary + DA + HRA

DA = 80% of Basic Salary

HRA = 10% of Basic Salary