Advanced Java Laboratory (CSL56)

USN: **Week #: 02**

Semester: **Section:**   **Date:**

Instructions:

- **Implement the following programs using java language.**

Programs:

1. Write a java program that connects to a Student (USN, Name, Semester, CGPA) database using JDBC and perform the following operations.

   i.   Display details of all the students using Statement Object.

   ii. Display details of all the students who are in the 5th Semester.

   iii. Display details of all the students who have CGPA above 8.0 and are in 5th Semester.

   iv. Display the total number of students who have CGPA above 8.0.

2. Write a java program that connects to the Employee (ID, FName. LName, Project, Salary) database using JDBC and perform the following operations.

   i.   Display details of all the Employees.

   ii. Display details of all the employees who work for project "Web Development".

   iii. Display the IDs of all those employee who have salary above 75,000/- and are in "Web Development".

   iv. Display the total Number of employees who have salary less than 50,000/-.

3. Write a java program that connects to the Car (Model, Company, Price, Year) database using JDBC and perform the following operations using Statement Object.

   i.   Display details of all the Cars from the table.

   ii. Insert a new row into the table and display all the details.

   iii. Delete a row from the table where the Model="ABC" and Year=2010.

   iv. Update the price of a row from 1,50,000 to 1,25,000.

EVALUATION

Program	Remarks	Marks	Faculty Signature
Student Database Program			
Employee Database Program			
Car Database Program			