**JDBC**

1. **Design a Java program to create a simple employee management system using JDBC and MySQL. The program should allow users to perform the following operations**:

**Employee(eno , ename, salary , dept, gender , dob)**

* 1. **Add**

**Single employee : a new employee: The user can enter details like employee ID, name, department, and salary, and the program should add the employee to the database.**

**Multiple Employees :**

**Accept the number of employees to add : 3**

**Accept the values of the 3 employees and add them (use batch)**

* 1. **Update employee details: The user can update the name, department, or salary of an existing employee based on their employee ID.**
  2. **Delete an employee: The user can delete an employee from the database based on their employee ID.**
  3. **Display all employees:**

**Single employee : by emp id (PK)**

**DeptWise :The program should retrieve and display a list of all employees and their details working in that dept.**

**Gender wise : male all male , female all female records**

**Year : display all emps born after that year : 1999 before**

* 1. **Statistics : display employee details with maximum salary, maximum age**
  2. **Requirements:**
     1. **Use JDBC and MySQL Connector/J to connect to the MySQL database and perform CRUD (Create, Read, Update, Delete) operations.**
     2. **Implement exception handling to handle possible errors during database interactions.**
     3. **Provide a user-friendly console interface for the user to interact with the employee management system.**
     4. **Cover Java topics such as classes, methods, user input and output (I/O), and exception handling.**

**Note: Before running the program, make sure you have MySQL installed, create a database named "employee\_management," and a table named "employees" with columns: Employee(eno , ename, salary , dept, gender , dob)**