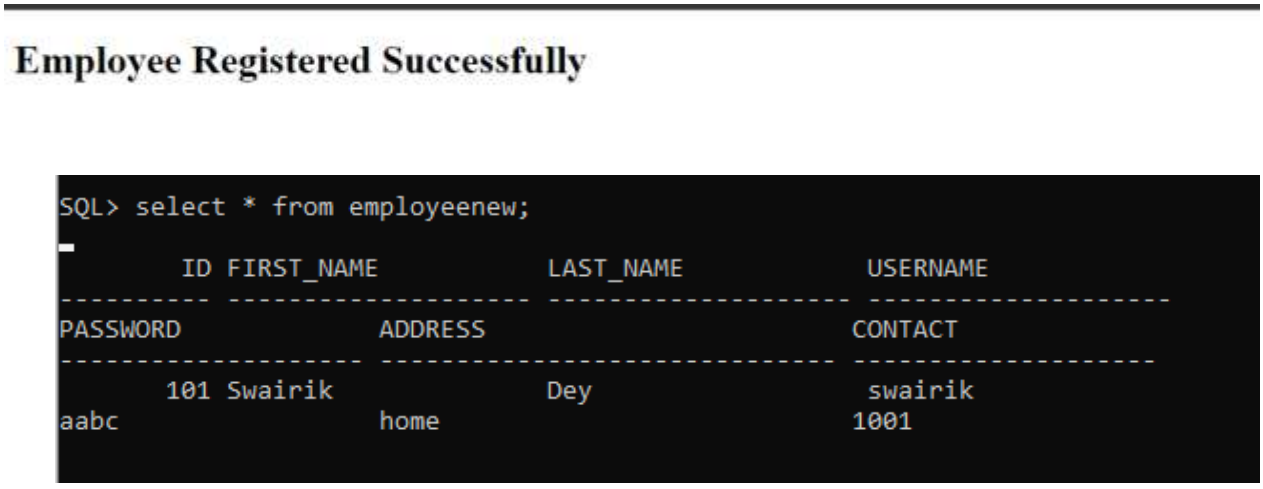
https://github.com/swairik/Antwalk-Assignments/tree/main/JSP%20%26%20Hibernate/Assignment1%20-%20Hibernate

1) MVC Project




```
SQL> select * from employeenew;

        ID FIRST_NAME           LAST_NAME            USERNAME
---------- -------------------- -------------------- --------------------
PASSWORD             ADDRESS                        CONTACT
-------------------- ------------------------------ --------------------
       101 Swairik              Dey                   swairik
aabc                 home                           1001
```

EmployeeServlet.java

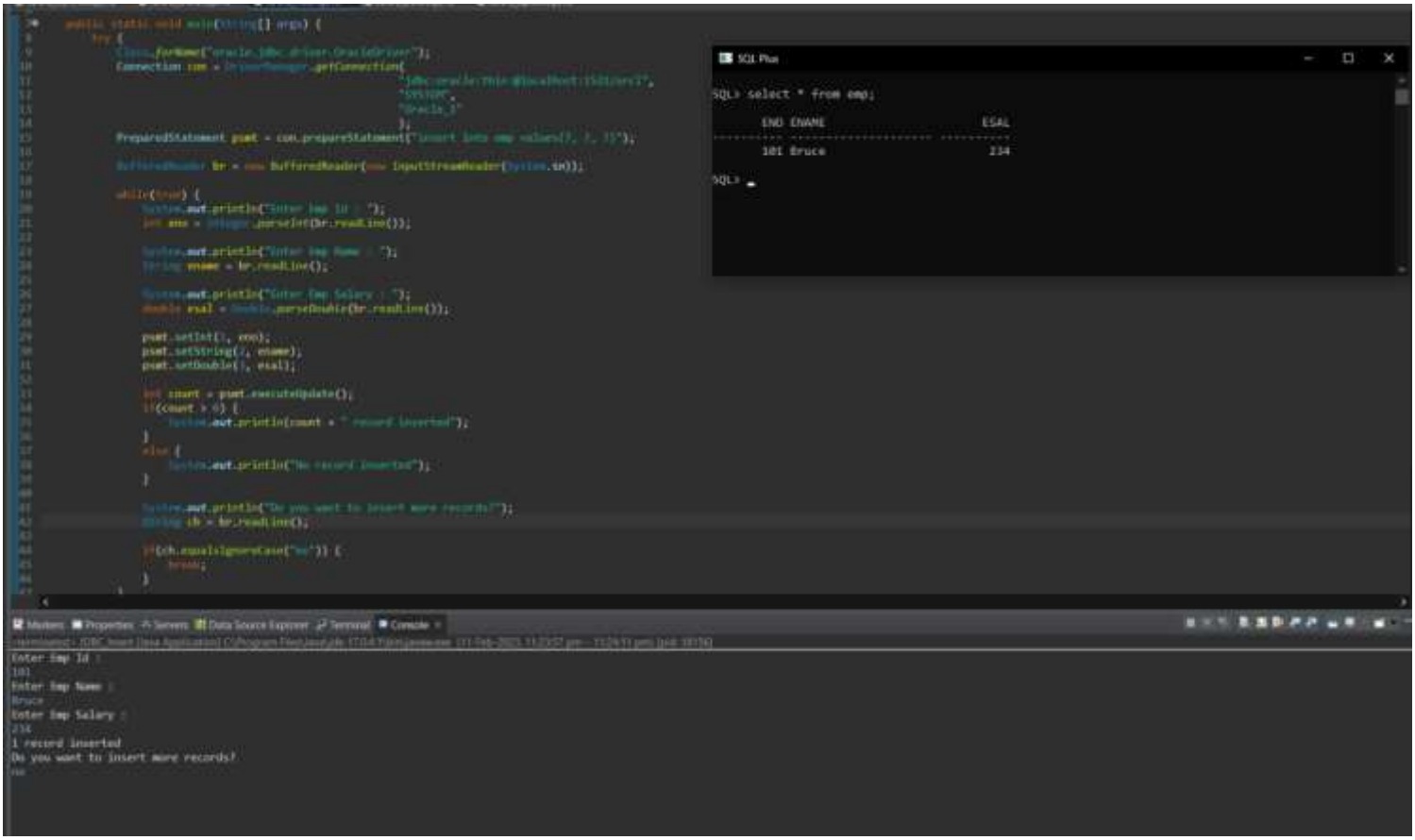
```java
package com.registration.controller;

import java.io.IOException;

@WebServlet("/register")
public class EmployeeServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;
    private EmployeeDao employeeDao;

    public void init() {
        employeeDao=new EmployeeDao();
    }

    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
        RequestDispatcher dispatch=request.getRequestDispatcher("/WEB-INF/views/employeeregistration.jsp");
        dispatch.forward(request, response);
    }

    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {

        String firstName=request.getParameter("firstname");
        String lastName=request.getParameter("lastname");
        String userName=request.getParameter("username");
        String password=request.getParameter("password");
        String address=request.getParameter("address");
        String contact=request.getParameter("contact");

        Employee employee=new Employee();
        employee.setFirstname(firstName);
        employee.setLastname(lastName);
        employee.setUsername(userName);
        employee.setPassword(password);
        employee.setAddress(address);
        employee.setContact(contact);

        try {
            employeeDao.registerEmployee(employee);
        }catch(Exception e) {
            e.printStackTrace();
        }

        RequestDispatcher dispatch=request.getRequestDispatcher("/WEB-INF/views/employeeregister.jsp");
        dispatch.forward(request, response);
    }

}
```

EmployeeDao.java

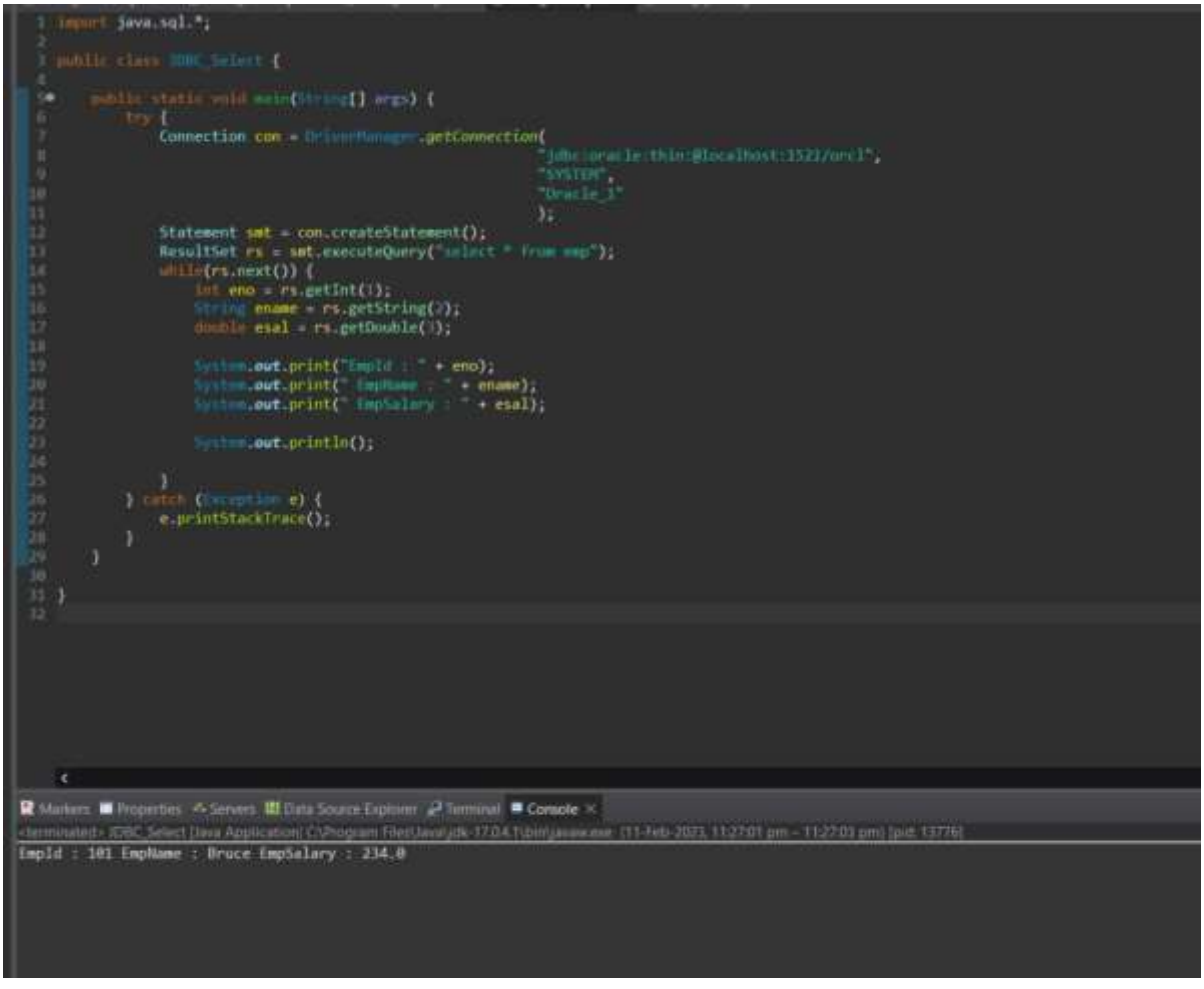
```java
package com.registration.Dao;

import java.sql.Connection;

public class EmployeeDao {
    static int IdGen=100;
    public int registerEmployee(Employee employee) throws ClassNotFoundException, SQLException {

        String Insert_Emp_SQL = "insert into employeenew"+" (id,first_name,last_name,username,password,address,contact) VALUES " + "(?,?,?,?,?,?,?)";
        int result=0;
        Class.forName("oracle.jdbc.driver.OracleDriver");

        try(
            Connection connection=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521/orcl","system","Oracle_1");
            PreparedStatement preparedStatement=connection.prepareStatement(Insert_Emp_SQL))
        {
            ++IdGen;
            preparedStatement.setInt(1, IdGen);
            preparedStatement.setString(2,employee.getFirstname() );
            preparedStatement.setString(3,employee.getLastname() );
            preparedStatement.setString(4,employee.getUsername() );
            preparedStatement.setString(5,employee.getPassword() );
            preparedStatement.setString(6,employee.getAddress() );
            preparedStatement.setString(7,employee.getContact() );

            System.out.println(preparedStatement);
            result=preparedStatement.executeUpdate();
        }catch(SQLException e) {
            e.printStackTrace();
        }



        return result;
    }
}
```

2) CRUD Project

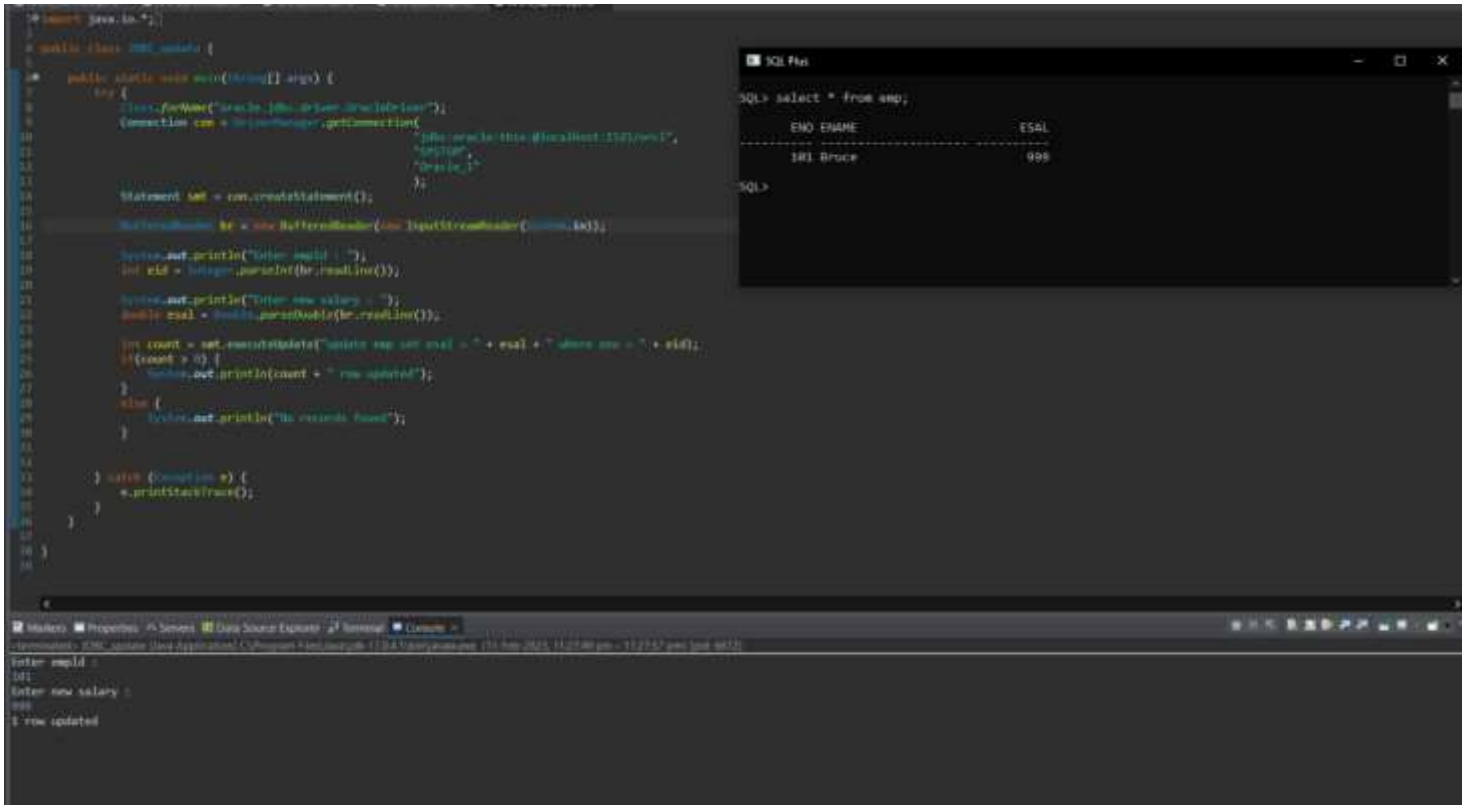
Create Operation



Read Operation



Update Operation:



Delete Operation :