3. Develop an application using GUI for user registration. In first form user will enter the data for registration (e.g. Name, Birthdate, Email_id, Phone_No). When user clicks on submit button, data will be inserted into database and user will be redirected to another form. In this form data will be selected from database and displayed in proper format.

Registration.html

```html
<!DOCTYPE html>

<html>

<head>

<title> User Registration </title>

</head>

<body>

        <h1>Registration Form</h1>

    <form action="RegisterUser" method="post">

        <label for="name">Name:</label>

        <input type="text" name="name" required><br><br>

        <label for="birthdate">DOB:</label>

        <input type="date" name="birthdate" required><br><br>

        <label for="email">Email ID:</label>

        <input type="email" name="email" required><br><br>

        <label for="phone_no">Phone Number:</label>

        <input type="text" name="phone_no" required><br><br>

        <button type="submit">Submit</button>

    </form>

</body>

</html>
```

RegisterUser.java

```java
package in.ga.backend;


import java.io.IOException;

import java.sql.*;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.*;


import jakarta.servlet.http.HttpServlet;


@WebServlet("/RegisterUser")
public class RegisterUser extends HttpServlet {
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException{
      String name = request.getParameter("name");

      String birthdate = request.getParameter("birthdate");

      String email = request.getParameter("email");

      String phone_no = request.getParameter("phone_no");


      try {

        Class.forName("com.mysql.cj.jdbc.Driver");

        Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost:3306/servlets", "root",
"Gaurav@123");

        String sql = "INSERT INTO users (name, birthdate, email, phone_no) VALUES (?, ?, ?,
?)";
```

```java
            PreparedStatement statement = connection.prepareStatement(sql);

            statement.setString(1, name);

            statement.setString(2, birthdate);

            statement.setString(3, email);

            statement.setString(4, phone_no);

            statement.executeUpdate();


            response.sendRedirect("DisplayUsers");
        } catch (Exception e) {

            e.printStackTrace();

        }

    }

}
```

DisplayUsers.java

```java
package in.ga.backend;


import java.io.IOException;

import java.io.PrintWriter;

import java.sql.*;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.*;


@WebServlet("/DisplayUsers")

public class DisplayUsers extends HttpServlet{

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
```

```java
        throws ServletException, IOException {


    response.setContentType("text/html");

    PrintWriter out = response.getWriter();


    try {

        Class.forName("com.mysql.cj.jdbc.Driver");

        Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost:3306/servlets", "root",
"Gaurav@123");

        String sql = "SELECT * FROM users";

        Statement statement = connection.createStatement();

        ResultSet resultSet = statement.executeQuery(sql);


        out.println("<h1>Registered Users</h1>");

        out.println("<table border='1'>");

out.println("<tr><th>ID</th><th>Name</th><th>Birthdate</th><th>Email</th><th>Phon
e Number</th></tr>");


        while (resultSet.next()) {

            int id = resultSet.getInt("id");

            String name = resultSet.getString("name");

            Date birthdate = resultSet.getDate("birthdate");

            String email = resultSet.getString("email");

            String phone_no = resultSet.getString("phone_no");


            out.println("<tr>");

            out.println("<td>" + id + "</td>");
```

```java
                out.println("<td>" + name + "</td>");

                out.println("<td>" + birthdate + "</td>");

                out.println("<td>" + email + "</td>");

                out.println("<td>" + phone_no + "</td>");

                out.println("</tr>");

            }


            out.println("</table>");
        } catch (Exception e) {
            e.printStackTrace();
        }
    }
}
```