**1. Login Form:**

**login.jsp:**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Login Page</title>

</head>

<body>

<form action=LoginServlet method=post>

<label> UserName: </label>

<input type=text name=txtName> <br> <br>

<label> Password:</label>

<input type=password name="txtPwd"> <br> <br>

<input type=submit value="Login">

</form>

</body>

</html>

**welcome.jsp:**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome</title>

</head>

<body>

<h1>LOGIN SUCCESSFUL!!</h1>

</body>

</html>

**LoginServlet:**

package Login;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/LoginServlet")

public class LoginServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

try {

PrintWriter out = response.getWriter();

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3036/login","root","123456789");

String n = request.getParameter("txtname");

String p = request.getParameter("txtpwd");

PreparedStatement ps = con.prepareStatement("Select \* from login where username=? and password=?");

ps.setString(1,n);

ps.setString(2,p);

ResultSet rs = ps.executeQuery();

if(rs.next()){

RequestDispatcher rd = request.getRequestDispatcher("welcome.jsp");

rd.forward(request, response);

}

else {

out.println("<font color - red size=18>Login Failed!!<br>");

out.println("<a href=login.jsp>Try Again</a>");

}

}

catch (ClassNotFoundException e) {

e.printStackTrace();

}

catch (SQLException e) {

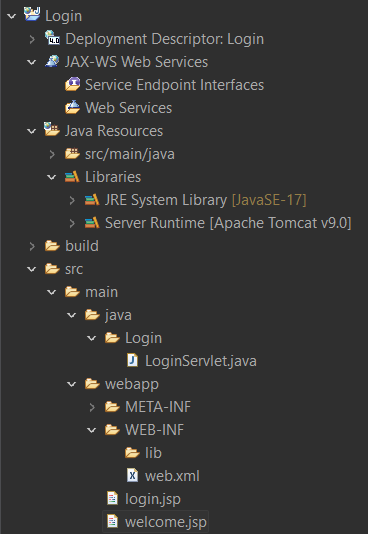
e.printStackTrace();

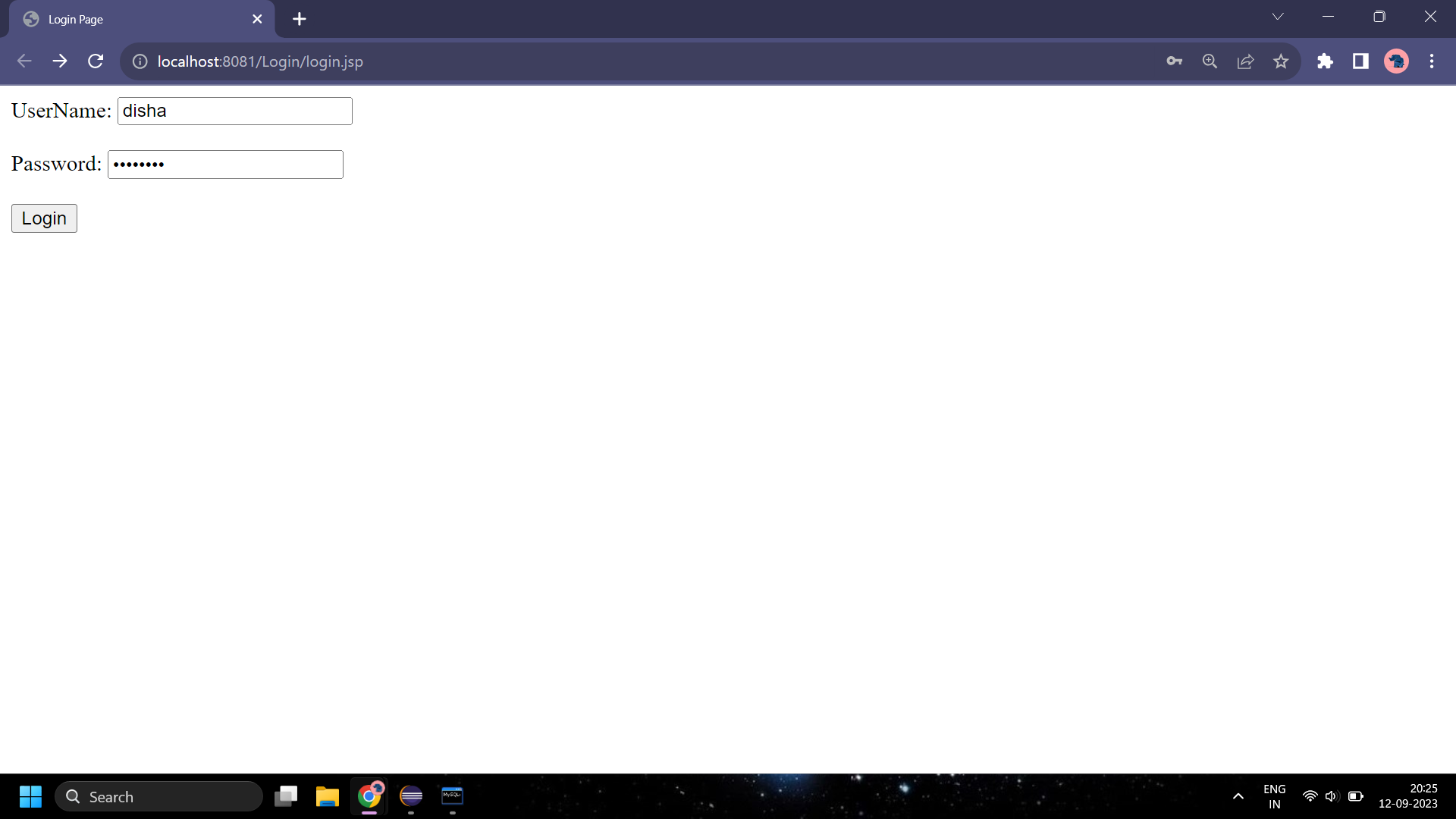
}

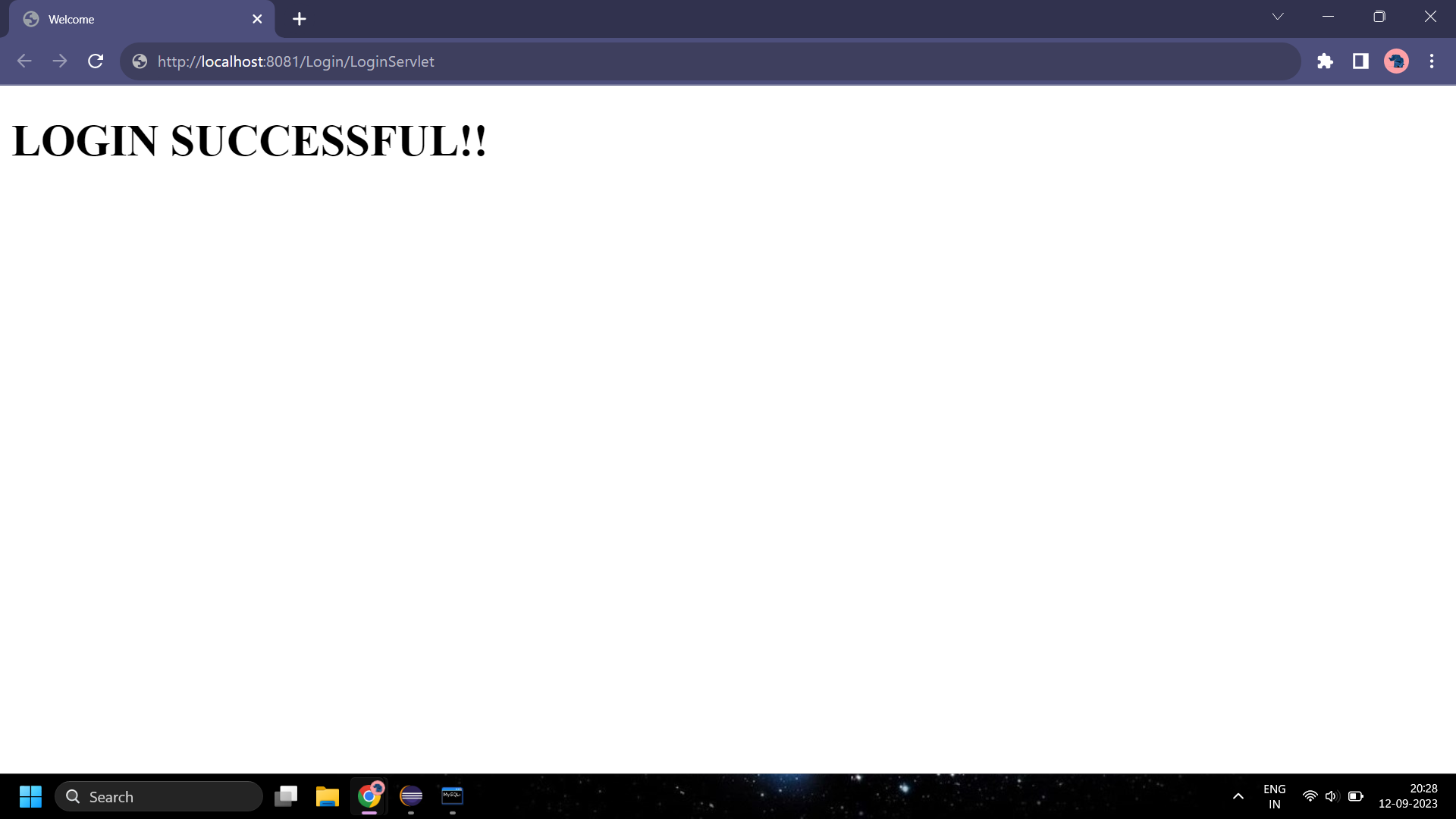
}

}

**Output:**







**2. Registration Form:**

**Register.jsp:**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Register</title>

</head>

<body>

<form action=RegisterServlet method=post>

<label> First Name: </label>

<input type=text name=Name> <br> <br>

<label> Last Name: </label>

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

<label> Email: </label>

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

<label> Phone: </label>

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

<label> Age:</label>

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

<input type=submit value="Register">

</form>

</body>

</html>

**Welcome.jsp:**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Welcome</title>

</head>

<body>

<h1>Successfully Registered!</h1>

</body>

</html>

**RegisterServlet:**

package Register;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

@WebServlet("/RegisterServlet")

public class RegisterServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

try {

response.setContentType("text/html; charset=UTF-8");

PrintWriter out = response.getWriter();

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:8081/register","root","123456789");

String f\_name = request.getParameter("FName");

String l\_name = request.getParameter("LName");

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

String phone = request.getParameter("Phone");

String age = request.getParameter("Age");

PreparedStatement ps = con.prepareStatement("insert into register values (?,?,?,?,?)");

ps.setString(1,f\_name);

ps.setString(2,l\_name);

ps.setString(3,email);

ps.setString(4,phone);

ps.setString(5,age);

int i = ps.executeUpdate();

if(i>0){

response.setContentType("text/html");

RequestDispatcher rd = request.getRequestDispatcher("Welcome.jsp");

rd.include(request, response);

}

else {

response.setContentType("text/html");

out.println("<font color = red size=18>Registration Failed!!<br>");

out.println("<a href=Register.jsp>Try Again</a>");

}

}

catch (ClassNotFoundException e) {

e.printStackTrace();

}

catch (SQLException e) {

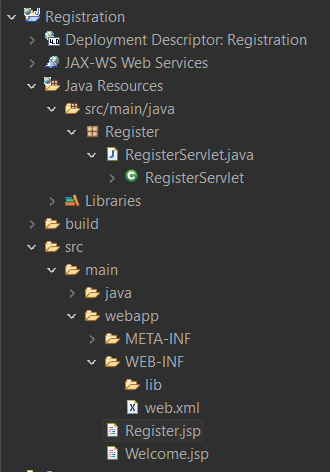
e.printStackTrace();

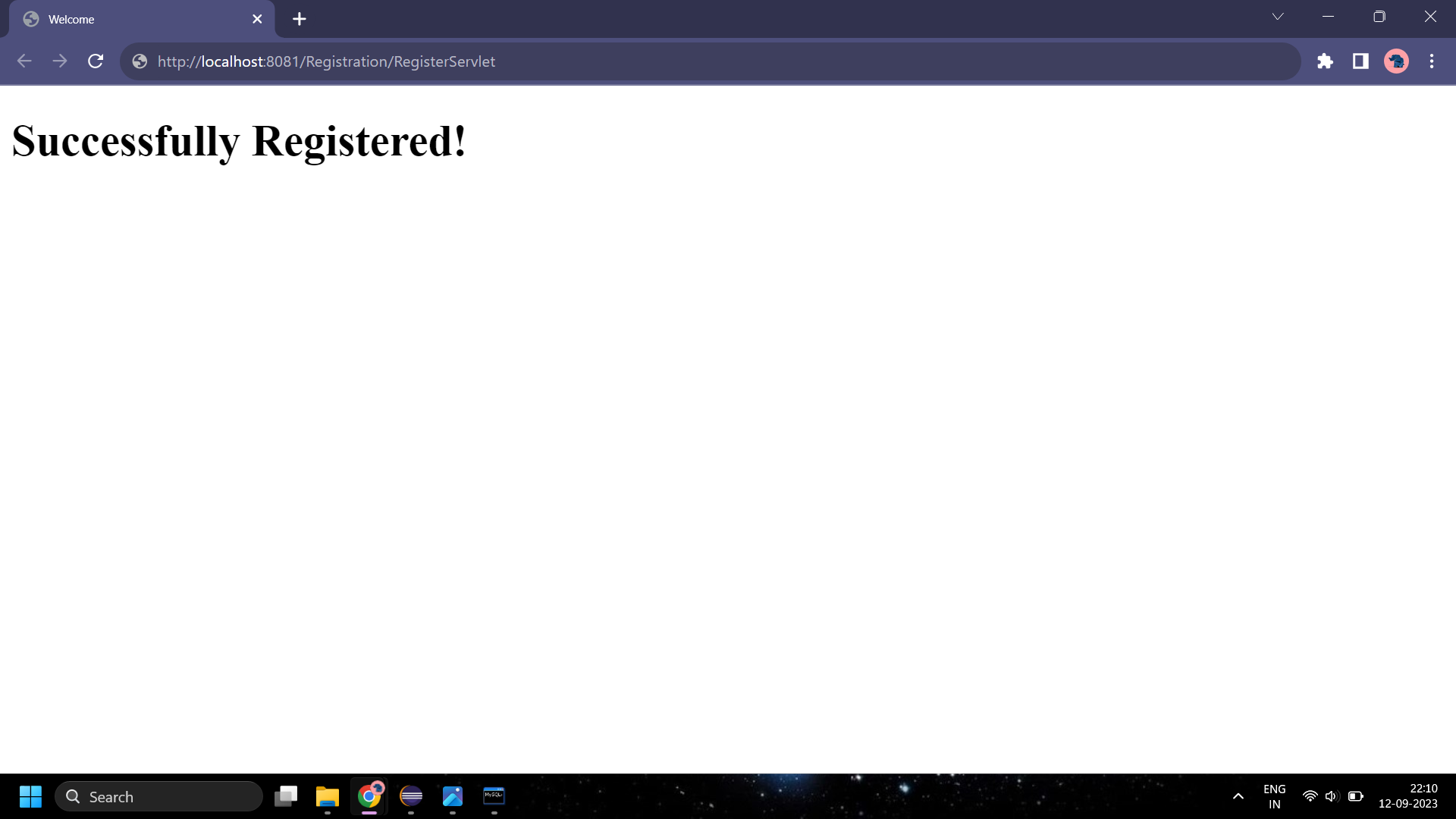
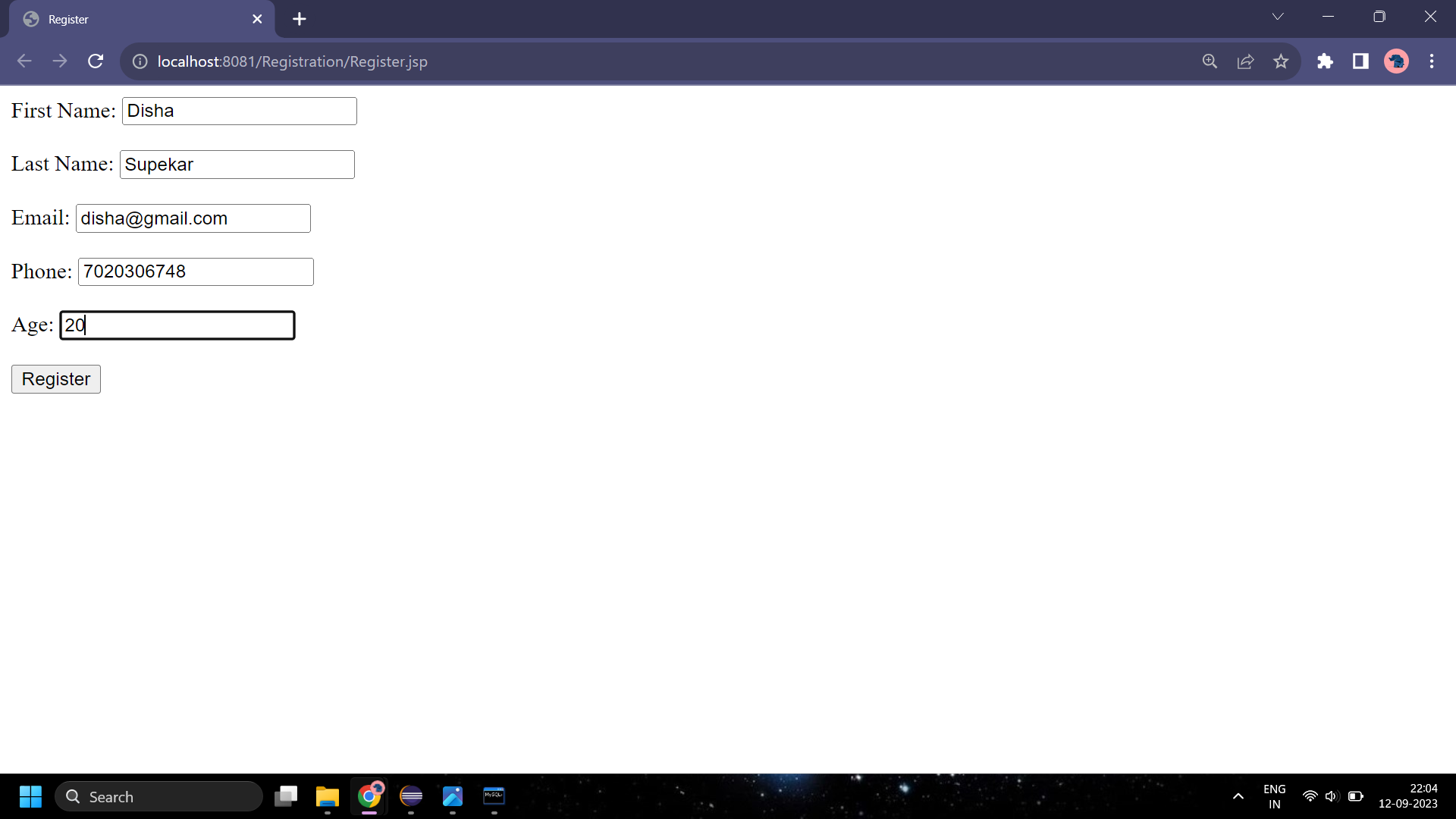
}

}

}

**Output:**

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