❖ **Create a registration servlet in Java using JDBC. Accept the details such as Username, Password, Email, and Country from the user using HTML Form and store the registration details in the database.**

➢ **Code:**

## ● **mysqlQueries:**

create database registerDB; use registerDB;

create table user(username varchar(20) PRIMARY KEY, password varchar(20), email varchar(20),

country varchar(20));

## ● **index.html**

<html>

<head>

<title>Practical 3</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body>

<form action="RegisterServlet">

<h1>Welcome to Registration Page</h1>

Enter User Name: <input type="text" name="txtUid" value="" /><br><br> Enter Password: <input type="password" name="txtPass" value="" /><br><br> Enter Email: <input type="text" name="txtEmail" value="" /><br><br>

Enter Country: <input type="text" name="txtCon" value="" /><br><br>

<input type="reset" value="RESET" /> <input type="submit" value="SUBMIT" />

</form>

</body>

</html>

## ● **RegisterServlet.java**

package mypack;

import java.io.\*; import java.sql.\*; import javax.servlet.\*;

import javax.servlet.http.\*;

public class RegisterServlet extends HttpServlet { @Override

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

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

try {

String id = request.getParameter("txtUid"); String ps = request.getParameter("txtPass"); String em = request.getParameter("TxtEmail"); String co = request.getParameter("txtCon");

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

Connection con =

DriverManager.getConnection("jdbc:mysql://localhost:3306/registerdb","root","12345678"); PreparedStatement pst = con.prepareStatement("INSERT INTO user

VALUES(?,?,?,?)");

pst.setString(1, id); pst.setString(2, ps); pst.setString(3, em); pst.setString(4, co);

int row = pst.executeUpdate();

out.println("<h1>" +row+ " Inserted Successfully");

} catch (Exception e) { out.println(e.getMessage());

}

}

}