**Practical 2a)**

**Q. 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.**

**index.html**

<!DOCTYPE html>

<html>

<head>

<title>TODO supply a title</title>

<meta charset="UTF-8">

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

</head>

<body>

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

Username : <input type="text" name="uname"><br>

Password : <input type="password" name="pw"><br>

Email : <input type="email" name="email"><br>

Country : <select name="country">

<option>India</option>

<option>Bangladesh</option>

<option>Bhutan</option>

<option>Canada</option>

</select><br>

<input type="submit" value="Register">

</form>

</body>

</html>

**RegistrationServlet.java**

import java.sql.\*;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class RegistrationServlet extends HttpServlet {

@Override

protected void doPost(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

Connection con=null;

PreparedStatement ps=null;

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

PrintWriter out=response.getWriter();

String username=request.getParameter("uname");

String password=request.getParameter("pw");

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

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

try{

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

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/user","root","");

out.println("Connection done successfully...");

ps=con.prepareStatement("insert into user1 values(?,?,?,?)");

ps.setString(1,username);

ps.setString(2,password);

ps.setString(3,email);

ps.setString(4,country);

ps.execute();

out.println("Data inserted successfully");

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Servlet RegistrationServlet</title>");

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

out.println("<body>");

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

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

}

catch(ClassNotFoundException | SQLException e)

{

out.println(e);

}

}

}

**Output**



