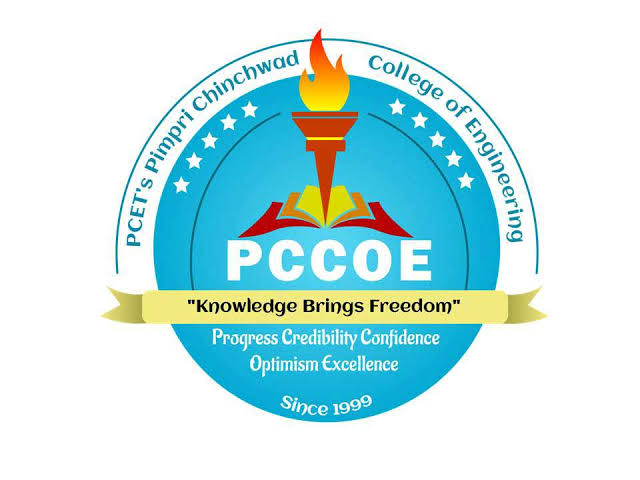
****

**Pimpri Chinchwad College of Engineering, Pune**

**Defaulter Task**

**Department – Computer Engineering**

**Semester – V**

**Academic Year- 2021-22**

**Subject – Web Technology**

**By-**

**Name – Pratik Kumar Patil**

**Roll No – TECOC382**

**Class- TE C**

**Github-** [**https://github.com/Garuda5611/WT-Assignments/tree/main/Assignment%205/Login%20and%20Registration**](https://github.com/Garuda5611/WT-Assignments/tree/main/Assignment%205/Login%20and%20Registration)

**1. index.html**

**Code**

<!DOCTYPE html>

<html>

<head>

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

<title>Home Page</title>

<style>

*.content*

{

text-align:*center*;

}

**ul,** **li**

{

display:*inline-block*;

padding:*20px*;

font-size:*30px*;

}

</style>

</head>

<body>

<div class=*"content"*>

<h1>Select Options</h1>

<ul>

<li><a href=*"index.html"*>Home</a></li>

<li><a href=*"register.html"*>Register User</a></li>

<li><a href=*"update.html"*>Update User</a></li>

<li><a href=*"delete.html"*>Delete User</a></li>

<li><a href=*"login.html"*>Login</a></li>

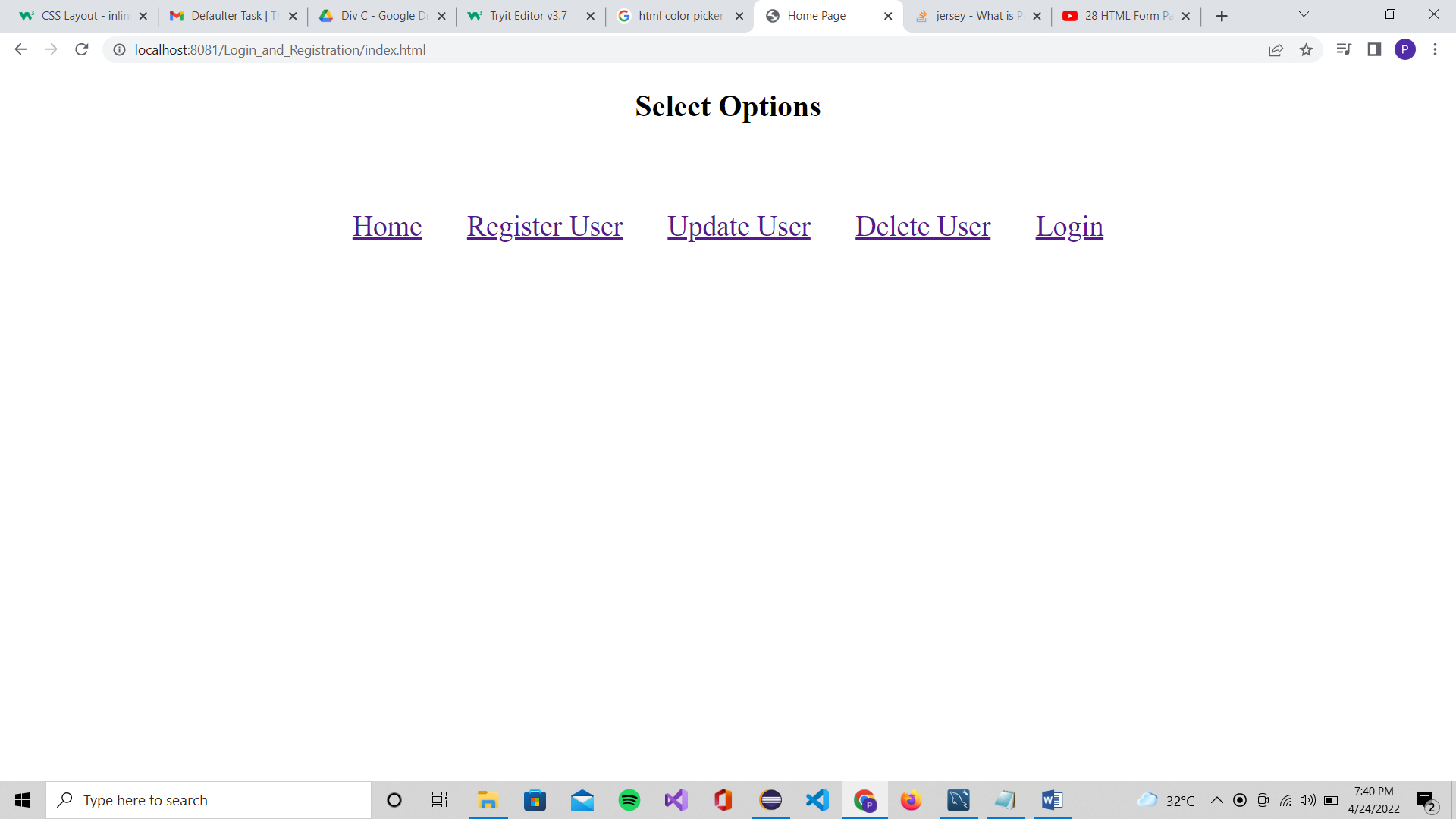
</ul>

</div>

</body>

</html>

**Output**



**2. register.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Registration</title>

<style>

*.content*

{

text-align:*center*;

padding:*10px*;

}

**ul,** **li**

{

display:*inline-block*;

padding:*20px*;

font-size:*30px*;

}

</style>

</head>

<body>

<div class=*"content"*>

<ul>

<li><a href=*"index.html"*>Home</a></li>

<li><a href=*"register.html"*>Register User</a></li>

<li><a href=*"update.html"*>Update User</a></li>

<li><a href=*"delete.html"*>Delete User</a></li>

<li><a href=*"login.html"*>Login</a></li>

</ul>

<h1>Register User</h1>

<form action=*"http://localhost:8081/Login\_and\_Registration/register"*>

<input type=*"text"* name=*"roll"* placeholder=*"Enter your roll no"* required><br/><br/>

<input type=*"password"* name=*"password"* placeholder=*"Enter your password"* required><br/><br/>

<input type=*"text"* name=*"myname"* placeholder=*"Enter your name"* required><br/><br/>

<input type=*"text"* name=*"mobile"* placeholder=*"Enter your mobile no"* required><br/><br/>

<textarea name=*"add"* placeholder=*"Enter your address"* required></textarea><br/><br/>

Select class: <select name=*"class"* required>

<option>FE</option>

<option>SE</option>

<option>TE</option>

<option>BE</option>

</select><br/><br/>

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

</form><br/>

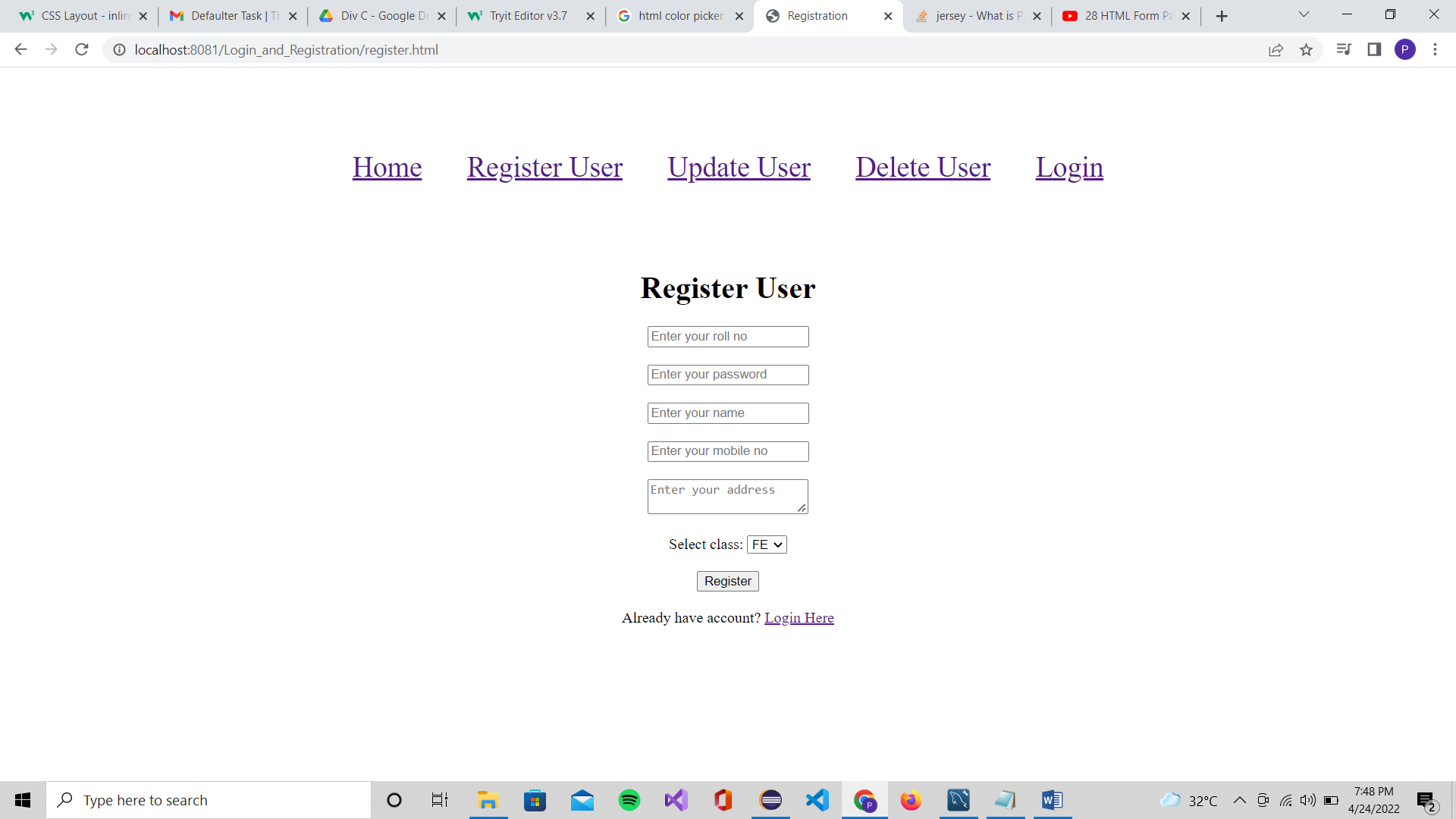
Already have account? <a href=*"login.html"*>Login Here</a>

</div>

</body>

</html>

**Output**



**3. register.java**

**Code**

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import java.io.\*;

import java.sql.\*;

/\*\*

\* Servlet implementation class register

\*/

@WebServlet("/register")

public class register extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* Default constructor.

\*/

public register() {

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter out=response.getWriter();

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

int roll=Integer.parseInt(request.getParameter("roll"));

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

String name=request.getParameter("myname");

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

String address=request.getParameter("add");

String classnm=request.getParameter("class");

try

{

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

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

Statement st=con.createStatement();

st.executeUpdate("insert into defstudent values ('"+roll+"', '"+pass+"', '"+name+"','"+mobile+"','"+address+"','"+classnm+"');");

out.println("Registration Success<br/><br/>");

out.println("<a href=\"index.html\">Home</a>");

}

catch(Exception e)

{

out.println(e);

}

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

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

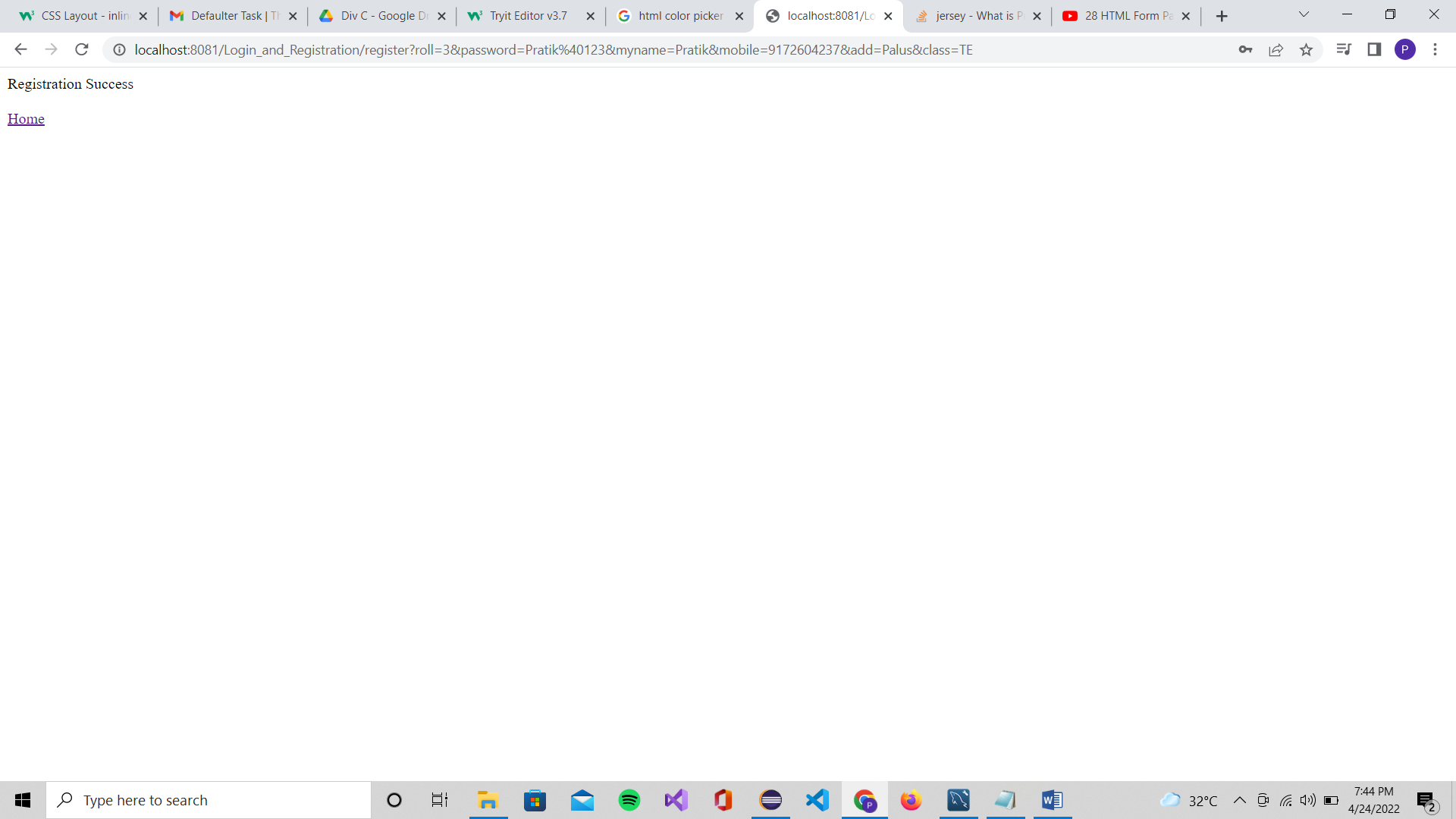
// TODO Auto-generated method stub

doGet(request, response);

}

}

**Output**



**4. update.html**

**Code**

<!DOCTYPE html>

<html>

<head>

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

<title>Update</title>

<style>

*.content*

{

text-align:*center*;

padding:*10px*;

}

**ul,** **li**

{

display:*inline-block*;

padding:*20px*;

font-size:*30px*;

}

</style>

</head>

<body>

<div class=*"content"*>

<ul>

<li><a href=*"index.html"*>Home</a></li>

<li><a href=*"register.html"*>Register User</a></li>

<li><a href=*"update.html"*>Update User</a></li>

<li><a href=*"delete.html"*>Delete User</a></li>

<li><a href=*"login.html"*>Login</a></li>

</ul>

<h1>Update User</h1>

<form action=*"http://localhost:8081/Login\_and\_Registration/update"*>

<input type=*"text"* name=*"roll"* placeholder=*"Enter your roll no"*><br/><br/>

<input type=*"password"* name=*"password"* placeholder=*"Enter your password"*><br/><br/>

<input type=*"text"* name=*"myname"* placeholder=*"Enter your name"*><br/><br/>

<input type=*"text"* name=*"mobile"* placeholder=*"Enter your mobile no"*><br/><br/>

<textarea name=*"add"* placeholder=*"Enter your address"*></textarea><br/><br/>

Select class: <select name=*"class"*>

<option>FE</option>

<option>SE</option>

<option>TE</option>

<option>BE</option>

</select><br/><br/>

<input type=*"submit"* value=*"Update"*>

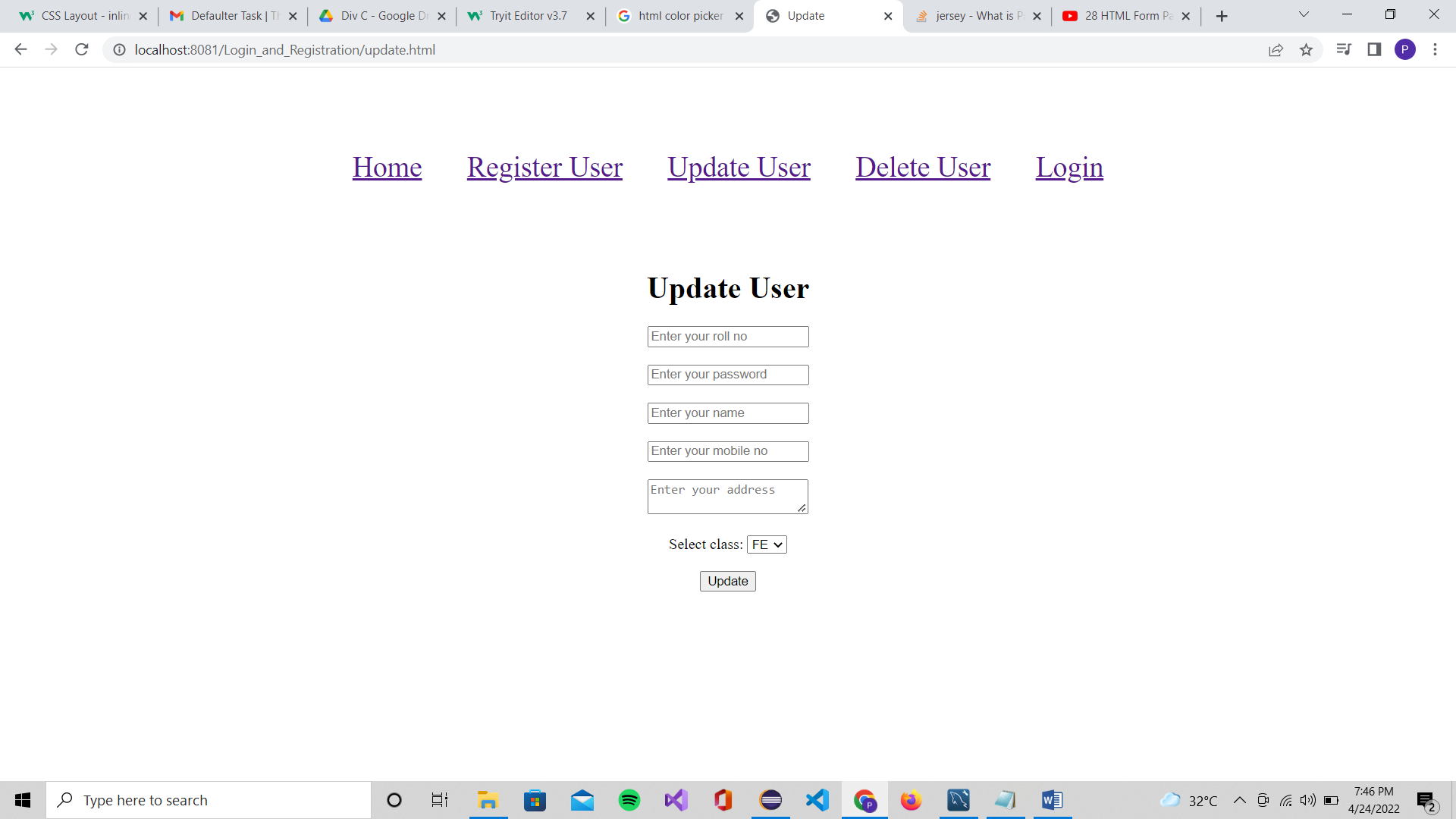
</form><br/>

</div>

</body>

</html>

**Output**



**5. update.java**

**Code**

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class update

\*/

@WebServlet("/update")

public class update extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public update() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// TODO Auto-generated method stub

PrintWriter out=response.getWriter();

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

int roll=Integer.parseInt(request.getParameter("roll"));

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

String name=request.getParameter("myname");

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

String address=request.getParameter("add");

String classnm=request.getParameter("class");

try

{

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

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

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from defstudent where roll='"+roll+"';");

if(rs.next())

{

st.executeUpdate("update defstudent set roll='"+roll+"', password='"+pass+"', name='"+name+"',mobile='"+mobile+"',address='"+address+"',class='"+classnm+"' where roll='"+roll+"';");

out.println("Updatation Success<br/><br/>");

out.println("<a href=\"index.html\">Home</a>");

}

else

{

out.println("User does not exist<br/><br/>");

out.println("<a href=\"index.html\">Home</a>");

}

}

catch(Exception e)

{

out.println(e);

}

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

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

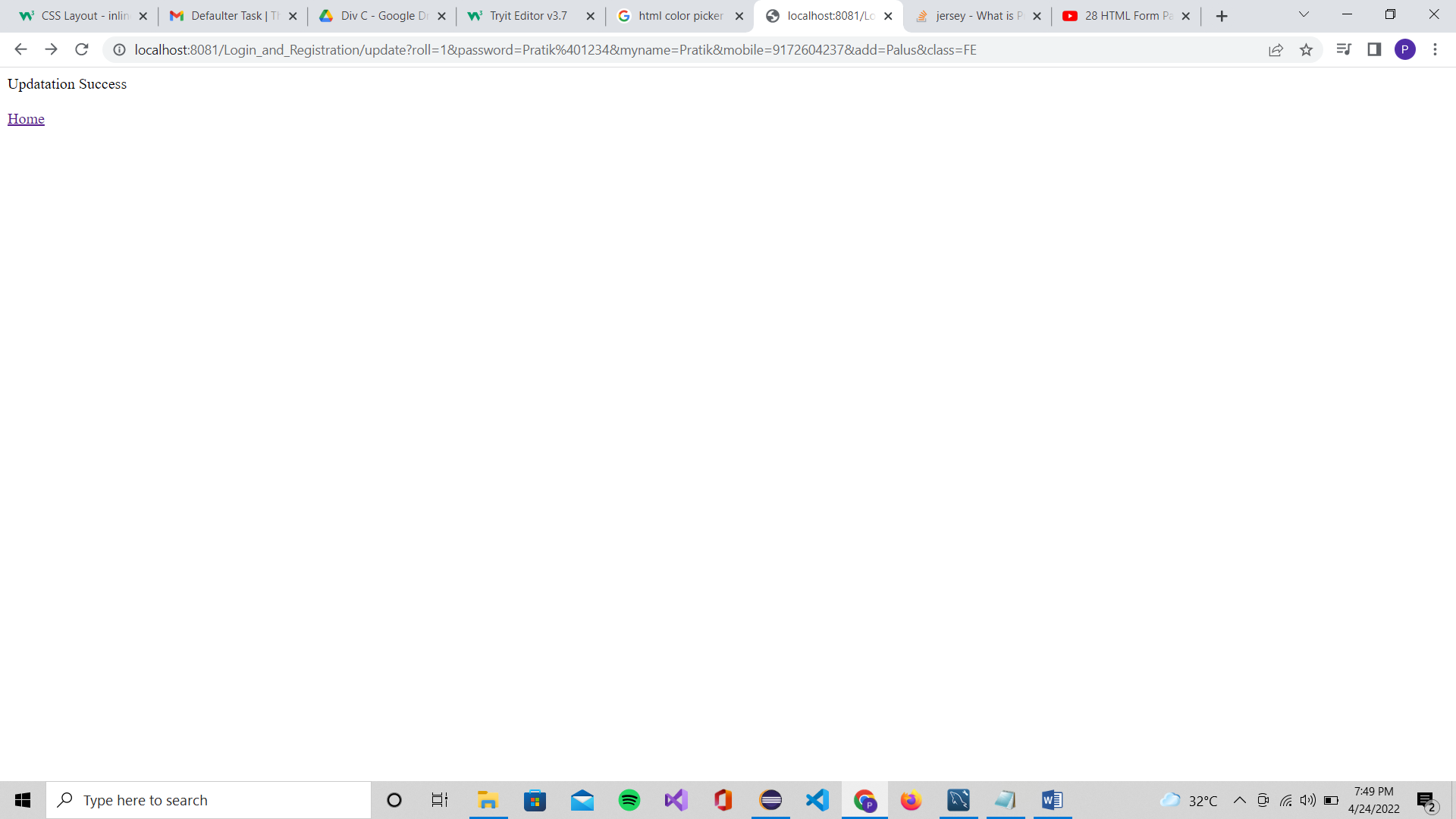
// TODO Auto-generated method stub

doGet(request, response);

}

}

**Output**



**6. delete.html**

**Code**

<!DOCTYPE html>

<html>

<head>

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

<title>Delete</title>

<style>

*.content*

{

text-align:*center*;

padding:*10px*;

}

**ul,** **li**

{

display:*inline-block*;

padding:*20px*;

font-size:*30px*;

}

</style>

</head>

<body>

<div class=*"content"*>

<ul>

<li><a href=*"index.html"*>Home</a></li>

<li><a href=*"register.html"*>Register User</a></li>

<li><a href=*"update.html"*>Update User</a></li>

<li><a href=*"delete.html"*>Delete User</a></li>

<li><a href=*"login.html"*>Login</a></li>

</ul>

<h1>Delete User</h1>

<form action=*"http://localhost:8081/Login\_and\_Registration/delete"*>

<input type=*"text"* name=*"roll"* placeholder=*"Enter your roll no"*><br/><br/>

<input type=*"submit"* value=*"Delete"*>

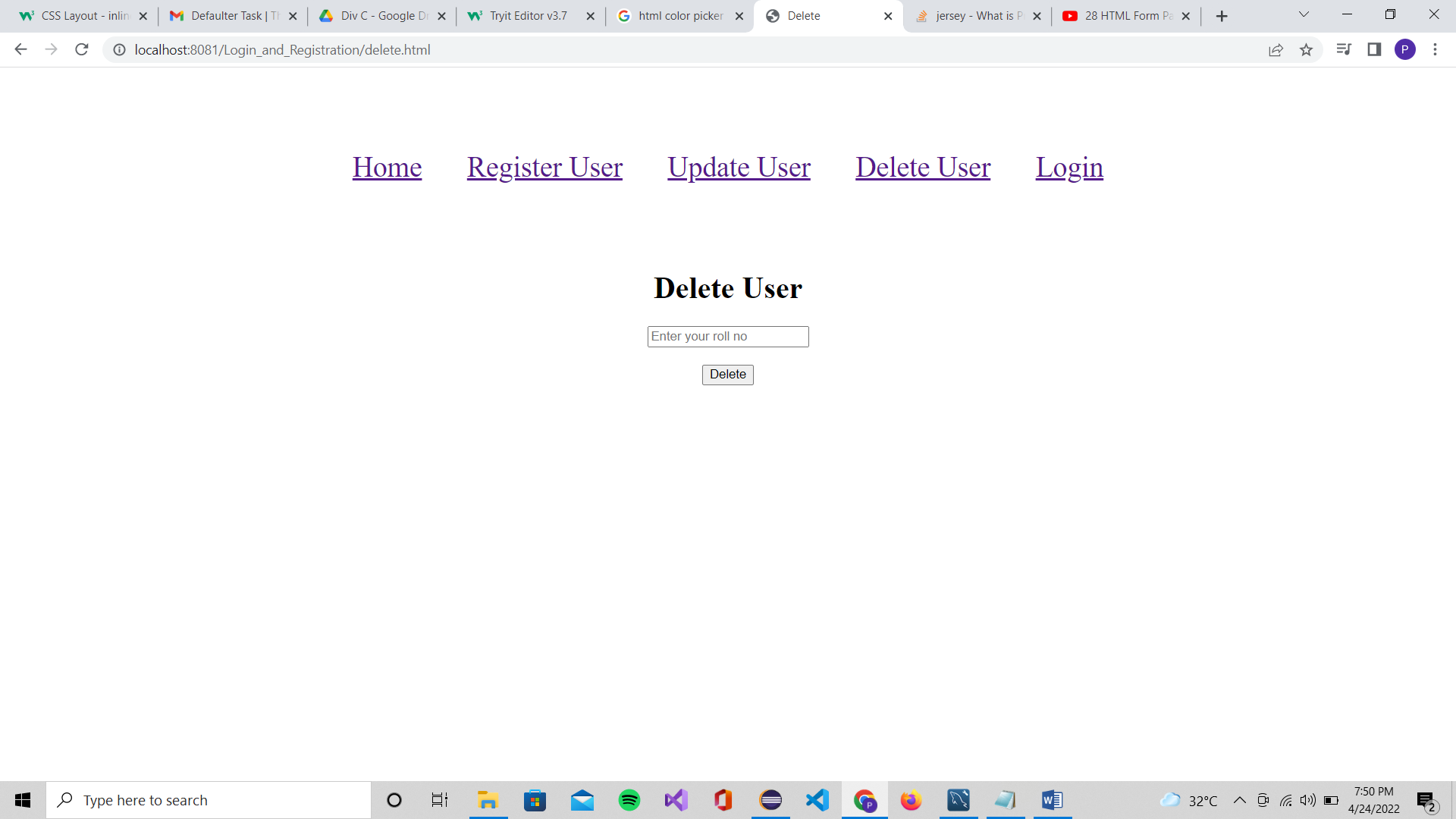
</form><br/>

</div>

</body>

</html>

**Output**



**7. delete.java**

**Code**

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class delete

\*/

@WebServlet("/delete")

public class delete extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public delete() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

\* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

PrintWriter out=response.getWriter();

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

int roll=Integer.parseInt(request.getParameter("roll"));

try

{

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

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

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from defstudent where roll='"+roll+"';");

if(rs.next())

{

st.executeUpdate("delete from defstudent where roll='"+roll+"';");

out.println("Deletion Success <br/>Deleted Roll No: "+roll+"<br/><br/>");

out.println("<a href=\"index.html\">Home</a>");

}

else

{

out.println("User does not exist<br/><br/>");

out.println("<a href=\"index.html\">Home</a>");

}

}

catch(Exception e)

{

out.println(e);

}

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

}

/\*\*

\* @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

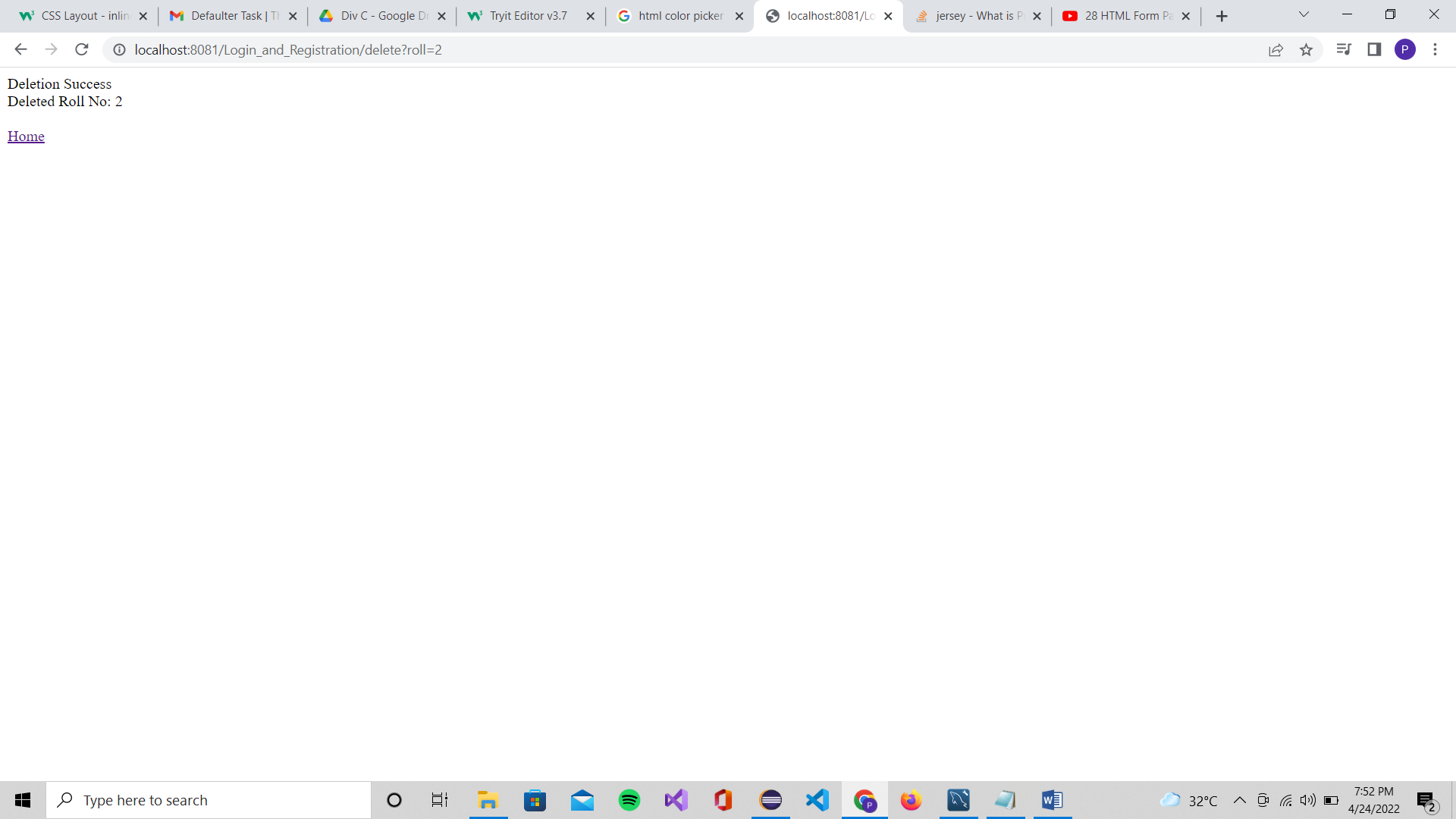
// TODO Auto-generated method stub

doGet(request, response);

}

}

**Output**



**8. login.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Login</title>

<style>

*.content*

{

text-align:*center*;

padding:*10px*;

}

**ul,** **li**

{

display:*inline-block*;

padding:*20px*;

font-size:*30px*;

}

</style>

</head>

<body>

<div class=*"content"*>

<ul>

<li><a href=*"index.html"*>Home</a></li>

<li><a href=*"register.html"*>Register User</a></li>

<li><a href=*"update.html"*>Update User</a></li>

<li><a href=*"delete.html"*>Delete User</a></li>

<li><a href=*"login.html"*>Login</a></li>

</ul>

<h1>Login</h1>

<form action=*"http://localhost:8081/Login\_and\_Registration/login"*>

<input type=*"text"* name=*"roll"* placeholder=*"Enter your roll no"*><br/><br/>

<input type=*"password"* name=*"password"* placeholder=*"Enter your password"*><br/><br/>

<input type=*"submit"* value=*"Login"*>

</form><br/><br/>

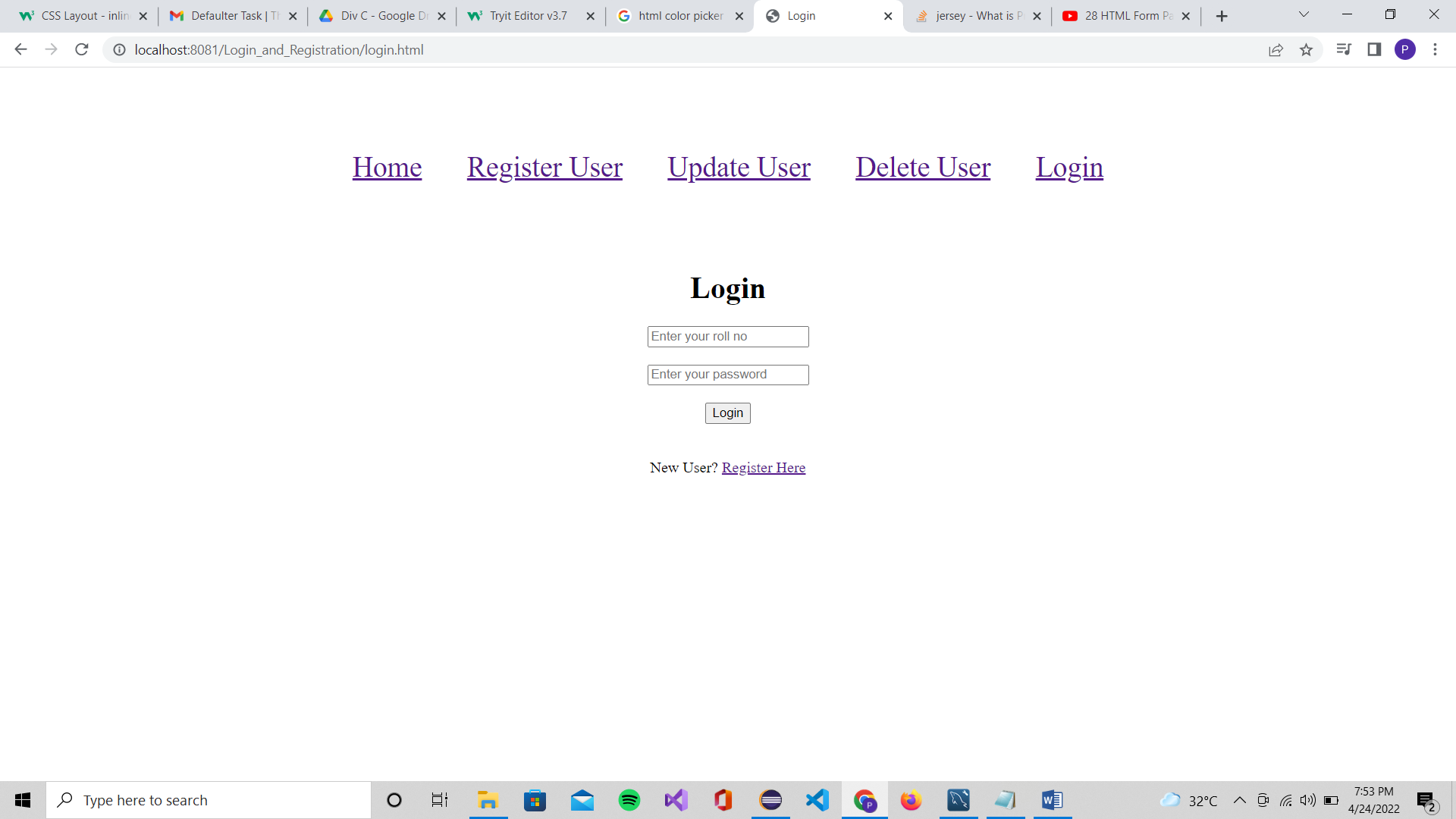
New User? <a href=*"register.html"*>Register Here</a>

</div>

</body>

</html>

**Output**



**9. login.java**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.ResultSet;

**import** java.sql.Statement;

**import** javax.servlet.ServletException;

**import** javax.servlet.annotation.WebServlet;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

/\*\*

\* Servlet implementation class login

\*/

@WebServlet("/login")

**public** **class** login **extends** HttpServlet {

**private** **static** **final** **long** ***serialVersionUID*** = 1L;

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** login() {

**super**();

// **TODO** Auto-generated constructor stub

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

// **TODO** Auto-generated method stub

PrintWriter out=response.getWriter();

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

**int** roll=Integer.*parseInt*(request.getParameter("roll"));

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

**try**

{

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

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

Statement st=con.createStatement();

ResultSet rs=st.executeQuery("select \* from defstudent where roll='"+roll+"';");

**if**(rs.next())

{

**if**(rs.getString(2).equals(pass))

{

out.println("Login Success<br/><br/>");

out.println("<a href=\"home.html\">Enter</a>");

}

**else**

{

out.println("Invalid Credentials<br/><br/>");

out.println("<a href=\"index.html\">Home</a>");

}

}

**else**

{

out.println("User does not exist");

out.println("<a href=\"index.html\">Home</a>");

}

}

**catch**(Exception e)

{

out.println(e);

}

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

}

/\*\*

\* **@see** HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

\*/

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

// **TODO** Auto-generated method stub

doGet(request, response);

}

}

**Output**

