Pimpri Chinchwad College of Engineering, Pune

Defaulter Task

Department – Computer Engineering

Semester – V

Academic Year- 2020-21

Subject – Web Technology

By-

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Roll No – TECOC382

Class- TE C

Github-

1. index.html

Code

```html
<!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>
```
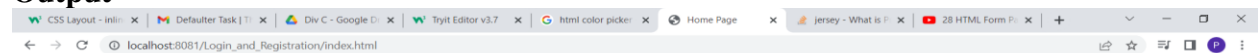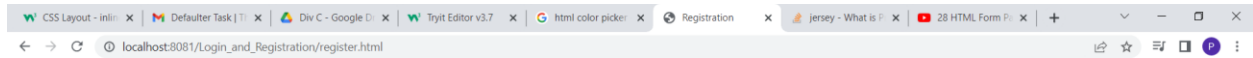
Output

2. register.html

```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

```java
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>");
```
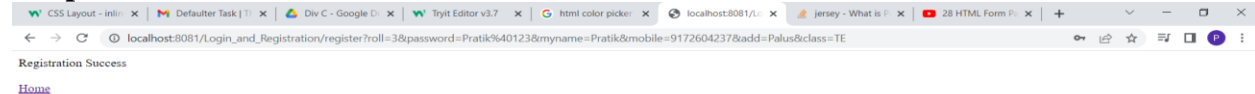
```java
            int roll=Integer.parseInt(request.getParameter("roll"));
            String pass=request.getParameter("password");
            String name=request.getParameter("myname");
            String mobile=request.getParameter("mobile");
            String address=request.getParameter("add");
            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);
        }

}
```
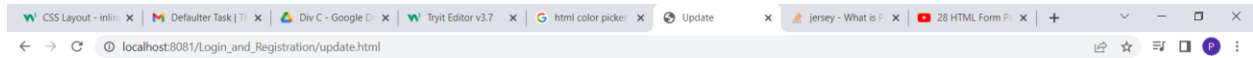
Output

4. update.html
Code

```html
<!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

```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 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
    }

        /**
```
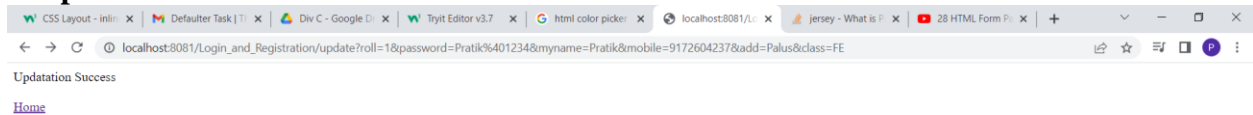
```java
        * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
       */
      protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
            // TODO Auto-generated method stub
            PrintWriter 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

Updatation Success

Home

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>
```
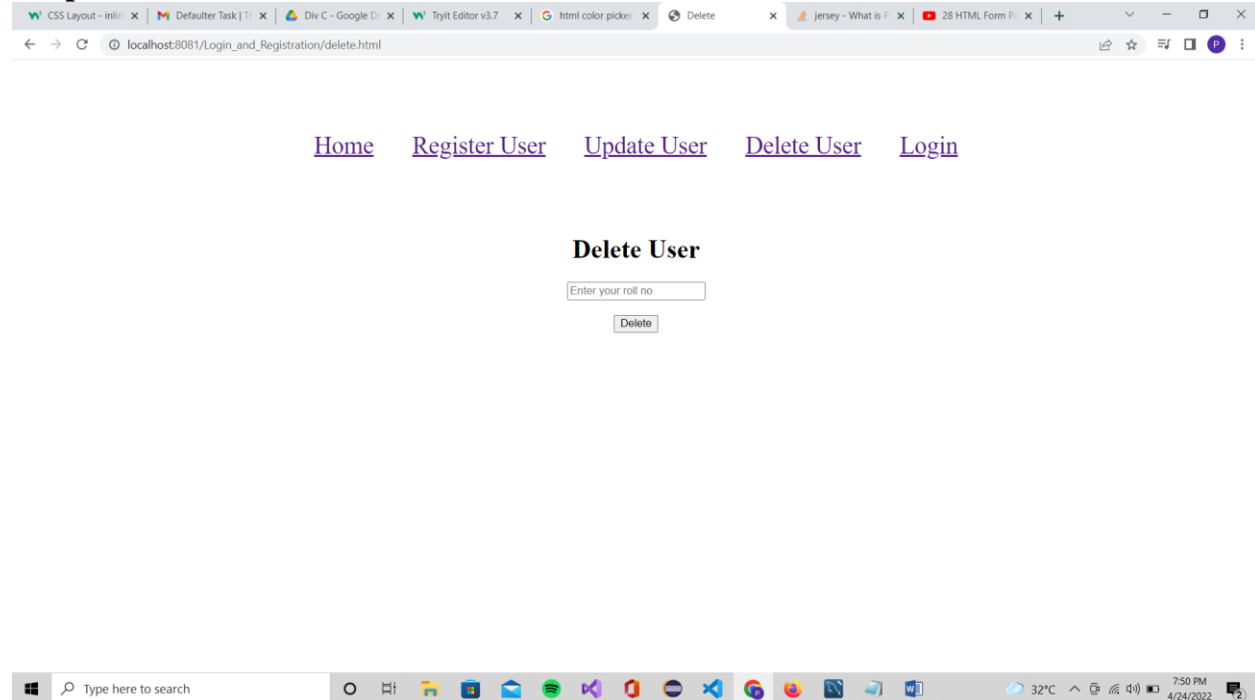
```html
<h1>Delete User</h1>
<form action="http://localhost:8081/Login_and_Registration/delete">
<input type="text" name="roll" placeholder="Enter your roll no"><br/><br/>
<input type="submit" value="Delete">
</form><br/>
</div>
</body>
</html>
```

Output

7. delete.java
Code
```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 delete
 */
@WebServlet("/delete")
public class delete extends HttpServlet {
	private static final long serialVersionUID = 1L;
    /**
```
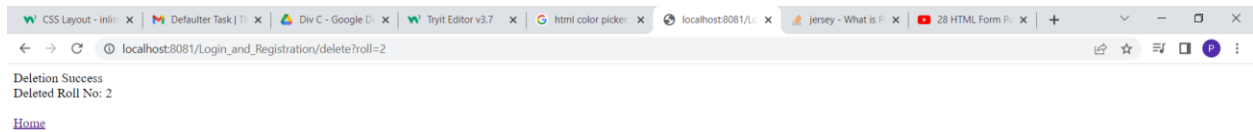
```java
 * @see HttpServlet#HttpServlet()
 */
public delete() {
    super();
    // TODO Auto-generated constructor stub
}
    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
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

Deletion Success
Deleted Roll No: 2

Home

8. login.html

```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">
```
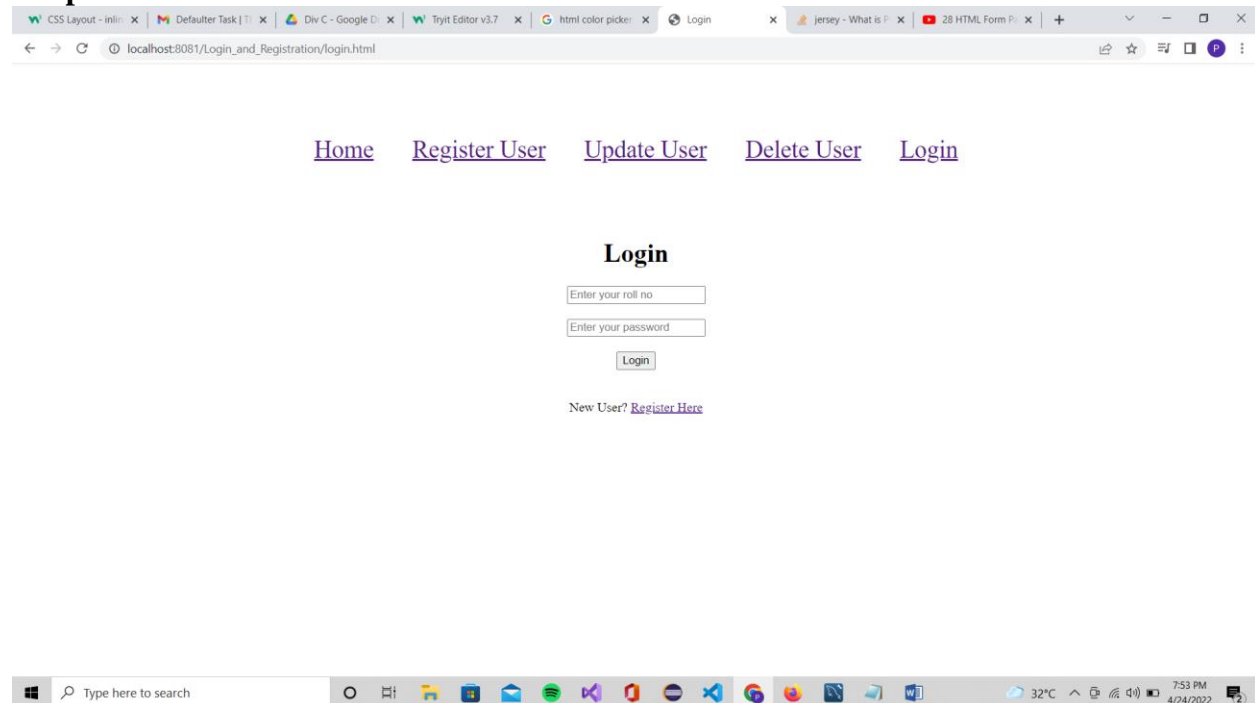
```html
<input type="text" name="roll" placeholder="Enter your roll no"><br/><br/>
<input type="password" name="password" placeholder="Enter your password"><br/><br/>
<input type="submit" value="Login">
</form><br/><br/>
New User? <a href="register.html">Register Here</a>
</div>
</body>
</html>
```

Output

9. login.java
```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;

    /**
```

```java
     * @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