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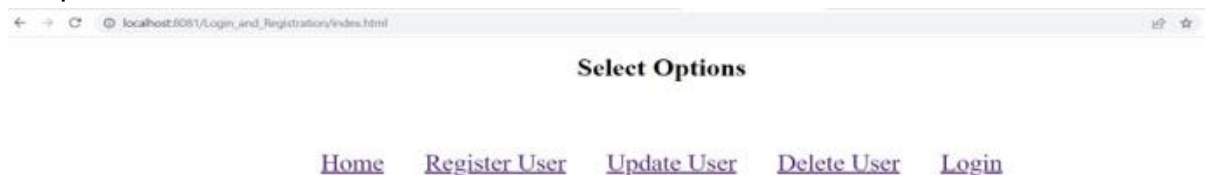
Class- TE A

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

← → ↻ localhost:8081/Login_and_Registrations/register.html

[Home](#) [Register User](#) [Update User](#) [Delete User](#) [Login](#)

Register User

Enter your roll no

Enter your password

Enter your name

Enter your mobile no

Enter your address

Select class: FE ▼

Already have account? [Login Here](#)

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

[Home](#) [Register User](#) [Update User](#) [Delete User](#) [Login](#)

Update User

Enter your roll no

Enter your password

Enter your name

Enter your mobile no

Enter your address

Select class: ▼

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>");
        }
    }

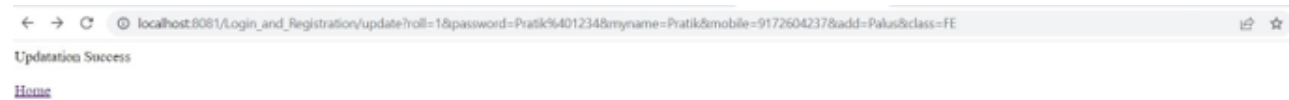
    catch(Exception e)
    {
        out.println(e);
    }
    out.println("</body></html>");
}

/**
 * @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:

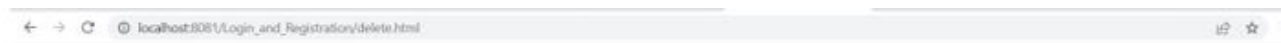


6. delete.html code

```
<!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



[Home](#) [Register User](#) [Update User](#) [Delete User](#) [Login](#)

Delete User

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>");
            }
        }
    }
}

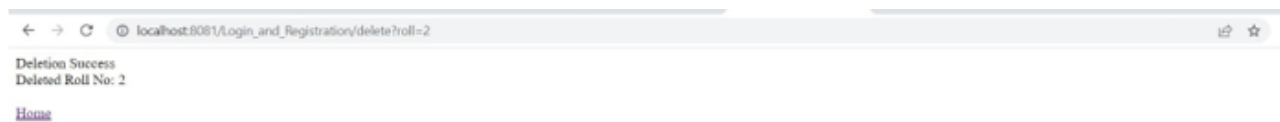
```

```

        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
{

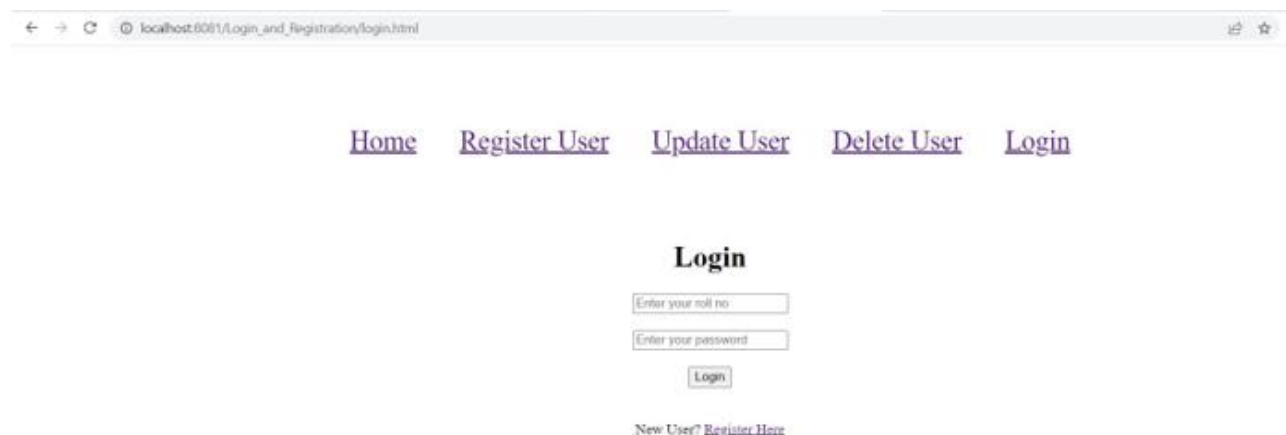
```

```
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 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 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))
                {
                    }
                else
            }
        }
    }
}
```

```

        out.println("Invalid Credentials<br/><br/>"); out.println("<a
out.println("Login Success<br/><br/>");
out.println("<a href=\"index.html\">Home</a>");
        }
        out.println("<a href=\"home.html\">Enter</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

