

Chapter 7

Coding

Index.html

```
<!DOCTYPE html>

<html>
  <head>
    <title>First page</title>
    <meta charset="UTF-8">
    <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
    <link rel="stylesheet" type="text/css"
href="style.css">
    <link rel="stylesheet" href="WEB-
INF/style.css" type="text/css"/>
    <link rel="stylesheet" href="WEB-
INF/style.css" type="text/css">

  </head>
  <body>
    <h1> Select</h1>
    <div>
      <a href="student.jsp"><button
class="button">Student</button></a>
    </div>
    <div>
      <a href="login.html"><button
class="button">Teacher</button></a>
    </div>
  </body>
</html>
```

Login.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8">
```

```
    <link rel="stylesheet"
type="text/css" href="style.css">
    <title>Login Page</title>

  </head>
  <body>
    <form action="teacher.jsp">

      <div class="container">

        <label><b>Username</b></label>
        <input type="text"
placeholder="Enter Username"
name="uname" required>

        <br>
        <label><b>Password</b></label>
        <input type="password"
placeholder="Enter Password" name="psw"
required>

        <br>
        <button type="submit"
class="login">Login</button>
      </div>

    </form>

  </body>
</html>
```

Teacher.jsp

```
<% @page import="java.sql.*"%>
<% @page contentType="text/html"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport"
content="width=device-width, initial-
```

```

scale=1.0">
    <link rel="stylesheet" type="text/css"
href="style.css">
    <link rel="stylesheet" href="WEB-
INF/style.css" type="text/css"/>
    <title>JSP Page</title>
</head>
<body>
    hello world;
    <%
        String uname =
request.getParameter("uname");
        String pass =
request.getParameter("psw");
        Connection con;

Class.forName("com.mysql.jdbc.Driver");
        con =
DriverManager.getConnection("jdbc:mysql:/
localhost:3306/demo", "root", "root");

        int a;

        try {
            out.println("try");
            Statement ps =
con.createStatement();
            ResultSet theResult =
ps.executeQuery("select * from teacher
where name='" + uname + "' and pass='" +
pass + "'");
            if(theResult.next())
            {
                session.setAttribute("userid",
uname);

response.sendRedirect("content.jsp");
            }
            else
            {

response.sendRedirect("login.html");
            }

```

```

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

    %>

</body>
</html>

```

Content.jsp

```

<%--
    Document   : content
    Created on : Sep 23, 2016, 10:12:55 AM
    Author    : Krityangana
--%>

<% @page contentType="text/html"
pageEncoding="UTF-8"%>
<% @page import="java.sql.*"%>

<!DOCTYPE html>
<html>
    <head>
        <link rel="stylesheet" type="text/css"
href="style.css">
        <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>

        <table border="1">
            <tr>
                <th scope="col"
width="32%">Subject</th>

                <th scope="col" colspan="2"
width="68%">Actions</th>
            </tr>
        </table>

```

```

        <%! String a;%>
        <% String b;
            //String a;
            b=(String)session.getAttribute(
"userid" );
            session.setAttribute("uid",b);
            //out.println(b);
            Connection con;

Class.forName("com.mysql.jdbc.Driver");
        con =
DriverManager.getConnection("jdbc:mysql:/
localhost:3306/demo", "root", "root");

        try {
            //out.println("try");
            //Statement ps =
con.createStatement();
            PreparedStatement
st=con.prepareStatement("select s.sname
from teacher as t,subject as s where
t.name=? and t.uid=s.uid;");
            // ResultSet rs =
ps.executeQuery("select s.sname from
teacher as t,subject as s where t.name=" + b
+ "and t.uid=s.uid;");
            st.setString(1, b);
            ResultSet rs =st.executeQuery();
            int i=0;
            while(rs.next())
            {   a=rs.getString(1);

                //out.println(a);
                // out.println();%>

                <table border="1">

                <tr>
                <td scope="row"
width="32%"><%=rs.getString("sname")
%></td>

                <form action="modify.jsp"><td
width="22%"><input type="hidden"
name="subject" value="<%= a%>"

```

```

method="POST"> <button type="submit"
class="button2"
>Modify</button></td></form>
            <form action="view.jsp"><td
width="44%"><input type="hidden"
name="sub" value="<%= a%>"> <button
type="submit" class="button2"
>View</button></td></form>

```

```

        </tr>
    </table>

```

```

<%
    i++; }
}
catch(Exception e)
{
    out.println(e);
}
%>

```

```

</body>
</html>

```

View.jsp

```

<%--
    Document : view
    Created on : 15 Nov, 2016, 2:20:45 PM
    Author : Awesome
--%>

```

```

<% @page import="java.sql.*"%>
<% @page contentType="text/html"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
        <link rel="stylesheet" type="text/css"

```

```

href="style.css">
    <link rel="stylesheet" href="WEB-
INF/style.css" type="text/css"/>
    <link rel="stylesheet"
href="http://www.w3schools.com/lib/w3.css
">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/
font-awesome/4.7.0/css/font-
awesome.min.css">

```

```

<title>JSP Page</title>
</head>

```

```

<body>
    <ul class="w3-ul">
        <li class="w3-xxlarge"><a
href="content.jsp"><i class="fa fa-
home"></a></i></li>
    </ul>
    <table border="1">
        <tr>
            <th scope="col"
width="32%">Roll No</th>
            <th scope="col" width="24%"
>Total Lectures</th>
            <th scope="col" width="44%"
>Lectures attended</th>
        </tr>
    </table>

```

```

<%
    String
sub=request.getParameter("sub");
    out.println(sub);
    String
b=(String)session.getAttribute("uid");

```

```

    Connection con;

```

```

Class.forName("com.mysql.jdbc.Driver");
    con =
DriverManager.getConnection("jdbc:mysql:/
localhost:3306/demo", "root", "root");
    try
    {

```

```

        int ud,sd;
        PreparedStatement
s=con.prepareStatement("select uid from
teacher where name=?");
        s.setString(1,b);
        ResultSet rst
=s.executeQuery();
        rst.next();
        // out.println("uid");
        ud = rst.getInt(1);
        // out.println(ud);

```

```

        PreparedStatement
st=con.prepareStatement("select sid from
subject where sname=?");
        st.setString(1,sub);
        ResultSet rs
=s.executeQuery();
        //out.println("hi");
        rs.next();
        // out.println("sid");
        sd = rs.getInt(1);

        //out.println(sd);

```

```

        PreparedStatement
sn=con.prepareStatement("select roll,tl,la
from attendance where uid=? and sid=? and
roll>0");
        sn.setString(1,""+ud);

```

```

        sn.setString(2,""+sd);
        ResultSet set =sn.executeQuery();

```

```

        while(set.next())
        {
            %>

```

```

        <table border="1">

```

```

            <tr>
            <td scope="col"

```

```

width="32%"><%=set.getString(1)
%></td>
        <td scope="col"
width="24%"><%=set.getString(2)
%></td>
        <td scope="col" width="44%">
<%=set.getString(3) %></td>
        </tr></table>

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

```

Modify.jsp

```

<% @page import="java.util.ArrayList"%>
<% @page import="java.sql.*"%>
<%--<% @page
import="connection.connect.*" %>--%>
<% @page contentType="text/html"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>

        <meta name="viewport"
content="width=device-width, initial-
scale=1.0">
        <link rel="stylesheet" type="text/css"
href="style.css">
        <link rel="stylesheet" href="WEB-
INF/style.css" type="text/css"/>
        <link rel="stylesheet"
href="http://www.w3schools.com/lib/w3.css
">
        <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/
font-awesome/4.7.0/css/font-

```

```

awesome.min.css">
        <title>update attendance</title>
</head>
<body>
        <ul class="w3-ul">
                <li class="w3-xxlarge"><a
href="content.jsp"><i class="fa fa-
home"></a></i></li>
        </ul>
        <form method="post">
                <% Connection con=null;

Class.forName("com.mysql.jdbc.Driver");
                con =
DriverManager.getConnection("jdbc:mysql:/
localhost:3306/demo", "root", "root");
                // String s;
                Statement
st=con.createStatement();
                ResultSet r =
st.executeQuery("Select society,soc_id from
society");
                while(r.next())
                {
                        String sin=r.getString(1);

                                String
gh=(String)request.getParameter("subject");
                                String hi=r.getString(2);
                                // String
n=(String)session.getAttribute( "userid" );

                                if(sin.equals(gh)){
                                // { out.println("before");
                                session.setAttribute("soc",
hi);
                                //
session.setAttribute("uid",n);

response.sendRedirect("society.jsp");

                                // out.println("after");
                                break;
                                }
                        }
                }

```

```

        con.close();
    %>
    <div>Total Lectures
        <input class="input1"
type="integer" name="num"><br></div>
        <center> <button type="submit"
class="login">Submit</button></center>

    <%
        //ArrayList<String> stArray = new
ArrayList<String>();
        int sd,ud;
        int ch=0;

        String
num=request.getParameter("num");
        String sub =
request.getParameter("subject");
        //out.println(sub);

        // out.println(sub);
        String
b=(String)session.getAttribute( "userid" );
        //out.println(b);

//      Connection con;

Class.forName("com.mysql.jdbc.Driver");
        con =
DriverManager.getConnection("jdbc:mysql:/
localhost:3306/demo", "root", "root");

        try

        {

                PreparedStatement
s=con.prepareStatement("select uid from

```

```

teacher where name=?");
        s.setString(1,b);
        ResultSet rst
=s.executeQuery();
        rst.next();

        ud = rst.getInt(1);

        session.setAttribute("useid",
ud);

        PreparedStatement
pst=con.prepareStatement("select sid from
subject where sname=?");
        pst.setString(1,sub);
        ResultSet rs
=pst.executeQuery();

        rs.next();
        //out.println("sid");
        sd = rs.getInt(1);

        //out.println(sd);
        session.setAttribute("subid",
sd);

        PreparedStatement
t=con.prepareStatement("update
demo.attendence set tl=? where sid=? and
uid=? and roll>0");
        t.setString(1,num);
        t.setString(2,rs.getString(1));
        t.setString(3,rst.getString(1));
        ch =t.executeUpdate();

        //out.println(ch);
        //uid = rest.getInt(1);
        // out.println(uid);

con.close();

```

```
//
```

```
response.sendRedirect("passpam.jsp");
```

```
    }  
    catch(Exception e)  
    {  
        out.println("exception" +e);  
    }
```

```
    %>  
    <center> <button type="submit"  
class="login"><a  
href="passpam.jsp">Update  
Now</a></button></center>
```

```
    </body>  
</html>
```

Society.jsp

```
<%--  
    Document   : society  
    Created on : May 9, 2017, 2:29:08 PM  
    Author    : Krityangan  
--%>  
  
<% @page contentType="text/html"  
pageEncoding="UTF-8"%>  
<% @page import="java.util.ArrayList"%>  
<% @page import="java.sql.*"%>  
<!DOCTYPE html>  
<html>  
    <head>  
        <meta http-equiv="Content-Type"  
content="text/html; charset=UTF-8">  
        <link rel="stylesheet" type="text/css"  
href="style.css">  
        <link rel="stylesheet" href="WEB-  
INF/style.css" type="text/css"/>  
        <link rel="stylesheet"  
href="http://www.w3schools.com/lib/w3.css
```

```
">  
        <link rel="stylesheet"  
href="https://cdnjs.cloudflare.com/ajax/libs/  
font-awesome/4.7.0/css/font-  
awesome.min.css">  
        <title>JSP Page</title>  
    </head>  
    <body>  
        <ul class="w3-ul">  
            <li class="w3-xxlarge"><a  
href="content.jsp"><i class="fa fa-  
home"></a></i></li>  
        </ul>  
        <table border="1">  
            <tr>  
                <th scope="col"  
width="32%">Roll Number</th>  
                <th scope="col"  
width="32%">Name</th>  
                <th scope="col"  
width="32%">Days Attended</th>  
            </tr>  
        </table>  
        <form method="get" name="f1"  
method="post" >
```

```
    <%  
        ArrayList<String> stArray = new  
ArrayList<String>();  
        ArrayList<String>  
roll = new ArrayList<String>();  
        Connection con=null;  
        try  
        {  
  
            Class.forName("com.mysql.jdbc.Driver");  
            con =  
DriverManager.getConnection("jdbc:mysql:/  
localhost:3306/demo", "root", "root");  
            String soc =(String)  
session.getAttribute("soc");  
            //      String n=(String)  
session.getAttribute("uid");  
            //      out.println(n);
```

```

        PreparedStatement ps=
con.prepareStatement("select a.roll,
s.name,a.waivers from student as s,"
        + "attendance as a where
a.sid=? and a.roll=s.roll ");
        ps.setString(1,soc);
        ResultSet res= ps.executeQuery();
        int i=0;
        while(res.next())
        {
            %>
            <table border="1">

            <tr>
            <td width="32%"
scope="row"><%=res.getString(1) %><%
roll.add(res.getString(1));%></td>

            <td width="32%"
scope="row"><%=res.getString(2) %></td>

            <td width="32%" scope="row">
<input type="integer" name=<%=i%>
required>

            </td></tr></table>

            <%

        String
num1=request.getParameter(""+i);

        stArray.add(num1);

        i++;

        //session.setAttribute("count",i);
        }

        for(int j=0;j<i;j++)
        {
            String
la=stArray.get(j);
            String
rollno=roll.get(j);

```

```

        //out.println(la);
        //out.println(rollno);
//out.println(la);

        PreparedStatement
t=con.prepareStatement("update
demo.attendance set waivers=? where
roll=?");
        t.setString(1,""+la);
//
        t.setString(2,soc);
//
        t.setString(3,""+b);

        t.setString(2,""+rollno);
        int ch =t.executeUpdate();

        }

    }

    catch(Exception e)
    {
        out.println("exception" +e);
    }

    //

    out.println(res.getString(1)+res.getString(2)
+res.getString(3));

    %>
    <center> <button type="submit"
class="login">Submit</button><br></cente
r>

    </form>
    </body>
</html>

```

Passpam.jsp

```

<%--
Document : passpam
Created on : 11 Nov, 2016, 3:16:14 PM

```


Author : Awesome
--%>

```
<% @page import="java.util.ArrayList"%>
<% @page import="java.sql.*"%>
<% @page contentType="text/html"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>

<meta name="viewport"
content="width=device-width, initial-
scale=1.0">
<link rel="stylesheet" type="text/css"
href="style.css">
<link rel="stylesheet" href="WEB-
INF/style.css" type="text/css"/>
<link rel="stylesheet"
href="http://www.w3schools.com/lib/w3.css
">
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/
font-awesome/4.7.0/css/font-
awesome.min.css">
<title>JSP Page</title>
</head>
<body>
<ul class="w3-ul">
<li class="w3-xxlarge"><a
href="content.jsp"><i class="fa fa-
home"></i></a></li>
</ul>
<table border="1">
<tr>
<th scope="col"
width="25%">Roll Number</th>
<th scope="col"
width="25%">Total Lectures</th>
<th scope="col"
width="25%">Lectures attended</th>
<th scope="col"
width="25%">Waivers</th>
</tr>
</table>
```

```
<form method="get" name="f1"
method="post" >
```

```
<%
ArrayList<String> stArray = new
ArrayList<String>();
ArrayList<String>
roll = new ArrayList<String>();
int b;

b=(Integer)session.getAttribute(
"useid" );
//out.println(b);
int a,ch=0;

a=(Integer)session.getAttribute("subid");
//out.println(a);
Connection con;

Class.forName("com.mysql.jdbc.Driver");
con =
DriverManager.getConnection("jdbc:mysql:/
localhost:3306/demo", "root", "root");
try
{

PreparedStatement
sn=con.prepareStatement("select
roll,tl,waivers from attendance where uid=?
and sid=? and roll>0");
// ResultSet rs =
ps.executeQuery("select s.sname from
teacher as t,subject as s where t.name=" + b
+ "and t.uid=s.uid;" );

sn.setString(1,"" + b);
sn.setString(2,"" + a);
ResultSet set =sn.executeQuery();
int i=0;
while(set.next())
{
%>

<table border="1">
```

```

        <tr>
        <td width="25%"
scope="row"><%=set.getString(1) %><%
roll.add(set.getString(1));%></td>

        <td width="25%"
scope="row"><%=set.getString(2) %></td>

        <td width="25%" scope="row">
<input type="integer" name=<%=i%>
required>
        </td>
        <td width="25%"
scope="row"><%=set.getString(3) %></td>
        </tr></table>
<%

```

```

    String
    num1=request.getParameter(""+i);

    stArray.add(num1);

    i++;

    //session.setAttribute("count",i);
    }

    for(int j=0;j<i;j++)
    {
        String
        la=stArray.get(j);
        String
        rollno=roll.get(j);

        //out.println(la);
        //out.println(rollno);

        PreparedStatement
        t=con.prepareStatement("update
demo.attendance set la=? where sid=? and
uid=? and roll=?");
        t.setString(1,la);
        t.setString(2,""+ a);
        t.setString(3,""+b);

```

```

        t.setString(4,""+rollno);
        ch =t.executeUpdate();

    }
    }
catch(Exception e)
    {
        out.println("exception" +e);
    }

    %>

    <center> <button type="submit"
class="login">Submit</button><br></cente
r>

    </form>

```

```

    </body>
</html>

```

Student.jsp

```

<%--
    Document : view
    Created on : 15 Nov, 2016, 2:20:45 PM
    Author : Awesome
--%>

<% @page import="java.sql.*"%>
<% @page contentType="text/html"
pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8">
        <link rel="stylesheet" type="text/css"
href="style.css">
        <link rel="stylesheet" href="WEB-
INF/style.css" type="text/css"/>
        <title>JSP Page</title>
    </head>

```

```

<body>
  <form method="post">

    <div> Roll no <input class="input1"
type="integer"
name="num"><br><br></div>
    <center><button type="submit"
class="login">Submit</button><br></form
></center>

```

```

<%
  String
n=request.getParameter("num");

  Connection con;

Class.forName("com.mysql.jdbc.Driver");
  con =
DriverManager.getConnection("jdbc:mysql:/
localhost:3306/demo", "root", "root");
  try
  {

```

```

        PreparedStatement
st= con.prepareStatement("select
name,year,branch from student where
roll=?");

```

```

        st.setString(1,n);
        ResultSet
rs=st.executeQuery();
        while(rs.next())
        {
            %>
            <p>

```

```

            Name:
            <%=rs.getString(1)%><br>

```

```

            Year:
            <%=rs.getString(2) %><br>

```

```

            Branch: <%=rs.getString(3)%><br>
            </p>

```

```

        <table

```

```

border="1">
        <tr>
            <th scope="col"
width="32%">Subject</th>
            <th scope="col"
width="24%">Total Lectures</th>
            <th scope="col"
width="44%">Lectures attended</th>
        </tr>
    </table>

```

```

        <%
        }

        PreparedStatement
sn=con.prepareStatement("select
s.sname,a.tl,a.la from attendance as a,
subject as s where a.uid=s.uid and
a.sid=s.sid and a.roll=?");
        sn.setString(1,n);

```

```

        ResultSet set =sn.executeQuery();

```

```

        while(set.next())
        {
            %>

```

```

        <table border="1">

            <tr>
                <td scope="col"
width="32%"><%=set.getString(1)
%></td>
                <td scope="col"
width="24%"><%=set.getString(2)
%></td>
                <td scope="col"
width="44%"><%=set.getString(3)
%></td>

```

```

            </tr></table>
            <%

```

```

        }
    }
    catch(Exception e)
    {

```

```

        out.println("exception" +e);
    }
%>
</body>
</html>

```

Style.css

```

img
{
    height:50px;
    width:50px;
}

table {
    border-collapse: collapse;
    width: 100%;
}

th, td {
    text-align: left;
    padding: 8px;
}

tr:nth-child(even){ background-color:
#f2f2f2}

th {
    background-color: #4CAF50;
    color: white;
    text-align:center;
}
form {
    border: 3px solid #f1f1f1;
}

input[type=text], input[type=password] {
    width: 20%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;

```

```

}
.input1
{
    width: 20%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
}
button.login{
    background-color: #4CAF50;
    color: whitesmoke;
    padding: 14px 20px;
    margin: 12px 0;
    border: none;
    cursor: pointer;
    width: 20%;
}

label{
    color: black;
}

.container {
    padding: 16px;
}

body{
background-image: url("science.jpg");
}
.button {
    padding: 15px 25px;
    font-size: 24px;
    text-align: center;
    cursor: pointer;
    outline: none;
    color: #fff;
    background-color: #4CAF50;
    border: none;
    border-radius: 15px;
    box-shadow: 0 9px #999;

```

```
}  
.button2{  
  padding: 10px 15px;  
  font-size: 14px;  
  text-align: center;  
  cursor: pointer;  
  outline: none;  
  color: #fff;  
  background-color: #4CAF50;  
  border: none;  
  border-radius: 7px;  
  
}  
  
.button:hover {background-color: #3e8e41}  
  
.button:active {  
  background-color: #3e8e41;  
  box-shadow: 0 5px #666;  
  transform: translateY(4px);  
}  
h1{  
  text-align: center;  
  font-family:century gothic;font-  
weight:200; font-size:80px;  
  padding:8px;  
  
  }  
  
div {  
  font-family:century gothic;font-  
weight:200; font-size:35px;  
  text-align:center;  
  text-color:black;  
  padding:17px;  
  margin-top :50px;  
  margin-bottom:0px;  
  }
```