

# Learner's Academy Portal Source Code (webapp)

## addclass.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<%@ page import="org.hibernate.cfg.Configuration" %>
<%@ page import="org.hibernate.boot.registry.StandardServiceRegistryBuilder" %>
<%@ page import="org.hibernate.SessionFactory" %>
<%@ page import="org.hibernate.Session" %>
<%@ page import="org.hibernate.Transaction" %>
<%@ page import="org.hibernate.query.Query" %>
<%@ page import="java.util.List" %>
<%@ page import="com.dto.Subjects" %>
<%@ page import="com.dto.Teachers" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>

body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

a {
    color: #003366;
```

```

    font-size: 20px;
}

</style>
<title>Assign Class</title>
</head>
<body>

    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>
        <%
            Configuration cfg = new Configuration().configure();
            cfg.addAnnotatedClass(com.dto.Subjects.class);
            cfg.addAnnotatedClass(com.dto.Teachers.class);
            StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
            SessionFactory factory = cfg.buildSessionFactory(builder.build());
            Session s = factory.openSession();
            Transaction tx = s.beginTransaction();
            Query query = s.createQuery("from Subjects");
            Query query1 = s.createQuery("from Teachers");
            List<Subjects> sbj = query.list();
            List<Teachers> tch = query1.list();
        %>

        <div align="center">
            <p style='font-size:30px'><b> Assign Teacher to a Class with Subject
</b></p>

            <form action="AddClass" method="post">
                <table>
                    <tr>
                        <td><b>Class</b></td>
                        <td><select name="classes">
                            <option value="selectclass">select class</option>
                            <option value="1">1</option>
                            <option value="2">2</option>
                            <option value="3">3</option>
                            <option value="4">4</option>
                            <option value="5">5</option>
                        </select>
                    </td>
                </tr>
            </table>
        </div>
    </main>
</body>
</html>

```

```

<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>
</select></td>
</tr>
<tr>
<td><b>Section</b></td>
<td><select name="sect">
<option value="select">select section</option>
<option value="A">A</option>
<option value="B">B</option>
<option value="C">C</option>
</select></td>
</tr>
<tr>
<td><b>Teacher</b></td>
<td><select name="teacher">
<option value="chooseteach">select teacher</option>
<%
    for(Teachers tc : tch){
        String tname = tc.getFname()+" "+tc.getLname();

    %>
<option value="<%=tname%>"><%=tname %></option>
    <%
    }
    %>
</select></td>
</tr>
<tr>
<td><b>Subject</b></td>
<td><select name="subject">
<option value="choose">choose subject</option>
<%
    for (Subjects sb : sbj) {
        String sname = sb.getSubjectname();

    %>
<option value="<%=sname%>"><%=sname%></option>
    <%
    }
    %>

```

```

        </select></td>
    </tr>
    <tr>
        <td><b>Timing</b></td>
        <td><input type="text" name="time"></td>
    </tr>
    <tr>
        <td><b>Day</b></td>
        <td><select name="day">
            <option value="selectday">select day</option>
            <option value="Monday">Monday</option>
            <option value="Tuesday">Tuesday</option>
            <option value="Wednesday">Wednesday</option>
            <option value="Thursday">Thursday</option>
            <option value="Friday">Friday</option>
            <option value="Saturday">Saturday</option>
        </select></td>
    </tr>
</table>
<br>
<input type="submit" value="Assign"/>
</form>
<br>
<a href="dashboard.jsp">Click here for Dashboard</a>
</div>

</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
    Twarit Soni.</p>
</div>

</body>
</html>

```

### addstudent.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>

```

```

body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

a {
    color: #003366;
    font-size: 20px;
}

</style>
<title>Add Student</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>
        <div align="center">
            <p style='font-size:30px'><b> Student Entry </b></p>
            <form action="AddStudent" method="post">
                <table>
                    <tr>
                        <td><b>E.RollNo.</b></td>

```

```

<td><input type="text" name="erollno"></td>
</tr>
<tr>
<td><b>FirstName</b></td>
<td><input type="text" name="fname"></td>
</tr>
<tr>
<td><b>LastName</b></td>
<td><input type="text" name="lname"></td>
</tr>
<tr>
<td><b>Age</b></td>
<td><input type="number" name="age"></td>
</tr>
<tr>
<td><b>Class</b></td>
<td><select name="classes">
<option value="selectclass">select class
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>
</select></td>
</tr>
<tr>
<td><b>Section</b></td>
<td><select name="sect">
<option value="select">select section</option>
<option value="A">A</option>
<option value="B">B</option>
<option value="C">C</option>
</select></td>
</tr>
</table>
<br>
<input type="submit" value="Add"/>
</form>

```

```

        <br>
        <a href="dashboard.jsp">Click here for Dashboard</a>
    </div>
</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>

```

### addsubject.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>
body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

a {

```

```

    color: #003366;
    font-size: 20px;
}

</style>
<title>Add Subject</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>
        <div align="center">
            <p style='font-size:30px'><b> Subject Entry </b></p>
            <form action="AddSubject" method="post">
                <table>
                    <tr>
                        <td><b>SubjectName</b></td>
                        <td><input type="text" name="subjectname"></td>
                    </tr>
                    <tr>
                        <td><b>SubjectCode</b></td>
                        <td><input type="text" name="subcode"></td>
                    </tr>
                </table>
                <br>
                <input type="submit" value="Add"/>
            </form>
            <br>
            <a href="dashboard.jsp">Click here for Dashboard</a>
        </div>
    </main>

    <div class="footer">
        <p>Learner's Academy.All Rights Reserved.This Website is developed by
        Twarit Soni.</p>
    </div>

</body>
</html>

```



## addteacher.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>
body {
    background-color: lightblue;

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

a {
    color: #003366;
    font-size: 20px;
}

</style>
<title>Add teacher</title>
</head>
<body>

    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
```

```
</div>

<main>
  <div align="center">
    <p style='font-size:30px'><b> Teacher Entry </b></p>
    <form action="AddTeacher" method="post">
      <table>
        <tr>
          <td><b>TeacherId</b></td>
          <td><input type="number" name="teacherid"></td>
        </tr>
        <tr>
          <td><b>FirstName</b></td>
          <td><input type="text" name="fname"></td>
        </tr>
        <tr>
          <td><b>LastName</b></td>
          <td><input type="text" name="lname"></td>
        </tr>
        <tr>
          <td><b>Age</b></td>
          <td><input type="number" name="age"></td>
        </tr>
        <tr>
          <td><b>Contact</b></td>
          <td><input type="tel" name="contact"></td>
        </tr>
      </table>
      <br>
      <input type="submit" value="Add"/>
    </form>
    <br>
    <a href="dashboard.jsp">Click here for Dashboard</a>
  </div>
</main>

<div class="footer">
  <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>
```

## adminlogin.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>
body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}
</style>
<title>Learner's Academy Login</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>
    <main>
        <br>
        <br>
        <div align="center">
            <p style='font-size:30px'><b><u> Welcome to Learner's Academy
</u></b></p>
            <p><b>Login Here!</b></p>
```

```

        <form action="LoginController" method="post">
            <table>
                <tr>
                    <td><b>Username:</b></td>
                    <td><input type="text" name="username" /></td>
                </tr>
                <tr>
                    <td><b>Password:</b></td>
                    <td><input type="password" name="password" /></td>
                </tr>
            </table>
            <br>
            <input type="submit" value="Login" />
        </form>
    </div>
</main>
<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>

```

### assignsubject.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<%@ page import="org.hibernate.cfg.Configuration" %>
<%@ page import="org.hibernate.boot.registry.StandardServiceRegistryBuilder" %>
<%@ page import="org.hibernate.SessionFactory" %>
<%@ page import="org.hibernate.Session" %>
<%@ page import="org.hibernate.Transaction" %>
<%@ page import="org.hibernate.query.Query" %>
<%@ page import="java.util.List" %>
<%@ page import="com.dto.Subjects" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>

body {
    background-color: lightblue;

```

```

}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

a {
    color: #003366;
    font-size: 20px;
}

</style>
<title>Assign Subjects</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>
        <%
            Configuration cfg = new Configuration().configure();
            cfg.addAnnotatedClass(com.dto.Subjects.class);
            StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
            SessionFactory factory = cfg.buildSessionFactory(builder.build());
            Session s = factory.openSession();
            Transaction tx = s.beginTransaction();
            Query query = s.createQuery("from Subjects");

```

```

        List<Subjects> sbj = query.list();
    %>
    <div align="center">
        <p style='font-size:30px'><b> Assign Subject to Class </b></p>
        <form action="AssignSubject" method="post">
            <table>
                <tr>
                    <td><b>SubjectName</b></td>
                    <td><select name="subjectname">
                        <option value="setname">select subject</option>
                        <%
                            for (Subjects sb : sbj) {
                                String sname = sb.getSubjectname();
                            %>
                            <option value="<%=sname%>"><%=sname%></option>
                        <%
                            }
                        %>
                    </select></td>
                </tr>
                <tr>
                    <td><b>SubjectCode</b></td>
                    <td><select name="subcode">
                        <option value="select">select code</option>
                        <%
                            for (Subjects sb : sbj) {
                                String sbcode = sb.getSubcode();
                            %>
                            <option value="<%=sbcode%>"><%=sbcode%></option>
                        <% } %>
                    </select>
                </td>
            </tr>
            <tr>
                <td><b>Class</b></td>
                <td><select name="classes">
                    <option value="selectclass">select class
                    <option value="1">1</option>
                    <option value="2">2</option>
                    <option value="3">3</option>
                    <option value="4">4</option>
                    <option value="5">5</option>
                    <option value="6">6</option>
                    <option value="7">7</option>
                    <option value="8">8</option>

```

```

        <option value="9">9</option>
        <option value="10">10</option>
        <option value="11">11</option>
        <option value="12">12</option>
    </select></td>
</tr>

    <%
        tx.commit();
        s.close();

    %>

</table>
<br>
<input type="submit" value="Assign"/>
</form>
<br>
<a href="sub-class.jsp">Subject-Class List</a><br>
<a href="dashboard.jsp">Click here for Dashboard</a>
</div>
</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>

```

## classdetails.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<%@ page import="org.hibernate.cfg.Configuration" %>
<%@ page import="org.hibernate.boot.registry.StandardServiceRegistryBuilder" %>
<%@ page import="org.hibernate.SessionFactory" %>
<%@ page import="org.hibernate.Session" %>
<%@ page import="org.hibernate.Transaction" %>
<%@ page import="org.hibernate.query.Query" %>
<%@ page import="java.util.List" %>
<%@ page import="com.dto.Classes" %>
<!DOCTYPE html>
<html>
<head>

```

```
<meta charset="ISO-8859-1">
<style>

body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

#classes {
    font-family: Arial, Helvetica, sans-serif;
    border-collapse: collapse;
    width: 70%;
}

#classes td, #classes th {
    border: 1px solid #ddd;
    padding: 8px;
}

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

#classes tr:hover {background-color: #ddd;}

#classes th {
    padding-top: 12px;
    padding-bottom: 12px;
    text-align: left;
    background-color: #04AA6D;
    color: white;
}
```



```

}

a {
    color: #003366;
    font-size: 20px;
}

</style>
<title>Classes</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>
    <main>
        <div align="center">
            <a href="addclass.jsp">Assign Teacher</a><br>
            <p style='font-size:30px'><b> Classes List </b></p>
            <table id="classes">
                <thead>
                    <tr>
                        <th>Class</th>
                        <th>Section</th>
                        <th>Teacher</th>
                        <th>Subject</th>
                        <th>Time</th>
                        <th>Day</th>
                    </tr>
                </thead>
                <tbody>
                    <%
                        try{
                            Configuration cfg = new Configuration().configure();
                            cfg.addAnnotatedClass(com.dto.Classes.class);
                            StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
                            SessionFactory factory =
cfg.buildSessionFactory(builder.build());
                            Session s = factory.openSession();
                            Transaction tx = s.beginTransaction();
                            Query query = s.createQuery("from Classes");
                            List<Classes> cl = query.list();

```

```

        for(Classes cls:cl){
            out.println("<tr><td>" +cls.getClasses()+"</td><td>" +cls.g
etSection()+"</td><td>" +cls.getTeacher()+"</td><td>" +cls.getSubject()+"</td><td>"
+cls.getTime()+"</td><td>" +cls.getDay()+"</td></tr>");
        }
        tx.commit();
        s.close();
    }catch(Exception e){
        e.printStackTrace();
    }
    %>
    </tbody>
</table>
<br><br><br>
</div>

</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>

```

### classreport.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>

body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;

```

```

        color: white;
    }

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

a {
    color: #003366;
    font-size: 20px;
}

</style>
<title>Select Class</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>
        <div align="center">
            <p style='font-size:30px'><b>Class Report Section Wise
</b></p><br><br>
            <form action="getreport.jsp" method="get">
                <table>
                    <tr>
                        <td><b>Class</b></td>
                        <td><select name="classes">
                            <option value="1">1</option>
                            <option value="2">2</option>
                            <option value="3">3</option>
                            <option value="4">4</option>
                            <option value="5">5</option>
                            <option value="6">6</option>
                            <option value="7">7</option>

```

```

        <option value="8">8</option>
        <option value="9">9</option>
        <option value="10">10</option>
        <option value="11">11</option>
        <option value="12">12</option>
    </select></td>
</tr>
<tr>
<td><b>Section</b></td>
<td><select name="sect">
<option value="A">A</option>
<option value="B">B</option>
<option value="C">C</option>
</select></td>
</tr>
</table><br><br>
<input type="submit" value="See Details"/>
</form>
</div>
</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>

```

## dashboard.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>
body {
    background-color: lightblue;
}

.header {
    padding: 30px;
}

```

```

        text-align: center;
        background: #1abc9c;
        color: white;
    }

    .footer {
        position: fixed;
        left: 0;
        bottom: 0;
        width: 100%;
        background-color: lightgreen;
        color: black;
        text-align: center;
    }
    a {
        color: #003366;
        font-size: 20px;
    }
</style>
<title>Admin Dashboard</title>
</head>
<body>

    <div class="header">
        <h1>Learner's Academy Dashboard</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>
    <main>
        <div align="center">
            <h1><span style='color:red'> Welcome Admin!</span></h1><hr><br>
            <a href="classdetails.jsp">1. Classes</a><br><br>
            <a href="subjectsdetails.jsp">2. Subjects</a><br><br>
            <a href="teacherdetails.jsp">3. Teachers</a><br><br>
            <a href="studentdetails.jsp">4. Students</a><br><br>
            <a href="classreport.jsp">View Class Report</a><br><br><br><br><br>
            <a href="AdminLogout">Logout</a>
        </div>
    </main>

    <div class="footer">
        <p>Learner's Academy.All Rights Reserved.This Website is developed by
        Twarit Soni.</p>
    </div>

```

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

## getreport.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<%@ page import="org.hibernate.cfg.Configuration" %>
<%@ page import="org.hibernate.boot.registry.StandardServiceRegistryBuilder" %>
<%@ page import="org.hibernate.SessionFactory" %>
<%@ page import="org.hibernate.Session" %>
<%@ page import="org.hibernate.Transaction" %>
<%@ page import="org.hibernate.query.Query" %>
<%@ page import="java.util.List" %>
<%@ page import="com.dto.Students" %>
<%@ page import="com.dto.Classes" %>
<%@ page import="com.dto.SubjectClass" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>

body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

#report {
    font-family: Arial, Helvetica, sans-serif;
    border-collapse: collapse;
    width: 70%;
}

#report td, #report th {
    border: 1px solid #ddd;
    padding: 8px;
```

```

}

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

#report tr:hover {background-color: #ddd;}

#report th {
    padding-top: 12px;
    padding-bottom: 12px;
    text-align: left;
    background-color: #04AA6D;
    color: white;
}

a {
    color: #003366;
    font-size: 20px;
}

</style>
<title>Get Report</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>
        <% String cls = request.getParameter("classes");
           String sec = request.getParameter("sect");    %>

        <div align="center">
            <a href="dashboard.jsp">Click here for Dashboard</a><br>
            <h2>Class:<%=cls%> Section:<%=sec%> Report</h2><hr>
            <p style='font-size:30px'><b> Classes List </b></p>
            <table id="report">
                <thead>
                    <tr>
                        <th>Class</th>
                        <th>Section</th>
                        <th>Teacher</th>
                        <th>Subject</th>

```

```

        <th>Time</th>
        <th>Day</th>
    </tr>
</thead>
<tbody>
<%
    try{
        Configuration cfg = new Configuration().configure();
        cfg.addAnnotatedClass(com.dto.Classes.class);
        StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
        SessionFactory factory =
cfg.buildSessionFactory(builder.build());
        Session s = factory.openSession();
        Transaction tx = s.beginTransaction();
        String classquery = "from Classes C where C.classes="+cls+"
and C.section='"+sec+"'";
        Query query = s.createQuery(classquery);
        List<Classes> cl = query.list();
        for(Classes cls:cl){
            out.println("<tr><td>" +cls.getClasses()+"</td><td>" +cls.g
etSection()+"</td><td>" +cls.getTeacher()+"</td><td>" +cls.getSubject()+"</td><td>"
+cls.getTime()+"</td><td>" +cls.getDay()+"</td></tr>");
        }
        tx.commit();
        s.close();
    }catch(Exception e){
        e.printStackTrace();
    }
%>
</tbody>
</table>
<br>
<p style='font-size:30px'><b> Students List </b></p>
<table id="report">
    <thead>
        <tr>
            <th>E.Roll No.</th>
            <th>First Name</th>
            <th>Last Name</th>
            <th>Age</th>
            <th>Class</th>
            <th>Section</th>
        </tr>
    </thead>

```



```

        <tbody>
        <%
            try{
                Configuration cfg = new
Configuration().configure();
                cfg.addAnnotatedClass(com.dto.Students.class);
                StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
                SessionFactory factory =
cfg.buildSessionFactory(builder.build());
                Session s = factory.openSession();
                Transaction tx = s.beginTransaction();
                String stdquery = "from Students S where
S.classes="+clss+" and S.section='"+sec+"'";
                Query query = s.createQuery(stdquery);
                List<Students> stl = query.list();
                for(Students st:stl){
                    out.println("<tr><td>" + st.getRollno() + "</td><
td>" + st.getFname() + "</td><td>" + st.getLname() + "</td><td>" + st.getAge() + "</td><td>" +
st.getClasses() + "</td><td>" + st.getSection() + "</td></tr>");
                }
                tx.commit();
                s.close();
            }catch(Exception e){
                e.printStackTrace();
            }
        %>
    </tbody>
</table>
<br>
<p style='font-size:30px'><b>Subjects List</b></p>
<table id="report">
<thead>
    <tr>
        <th>Subject Name</th>
        <th>Subject Code</th>
        <th>Class Assigned</th>
    </tr>
</thead>
<tbody>
    <%
        try{
            Configuration cfg = new Configuration().configure();
            cfg.addAnnotatedClass(com.dto.SubjectClass.class);

```

```

        StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
        SessionFactory factory =
cfg.buildSessionFactory(builder.build());
        Session s = factory.openSession();
        Transaction tx = s.beginTransaction();
        String subjquery = "from SubjectClass SC where
SC.classes="+cls;

        Query query = s.createQuery(subjquery);
        List<SubjectClass> sbc = query.list();
        for(SubjectClass sb:sbc){
            out.println("<tr><td>" +sb.getSubjectname()+"</td>
<td>" +sb.getSubcode()+"</td><td>" +sb.getClasses()+"</td></tr>");
        }
        tx.commit();
        s.close();
    }catch(Exception e){
        e.printStackTrace();
    }
    %>
</tbody>
</table>
<br>
</div>

</main>

</body>
</html>

```

### studentdetails.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<%@ page import="org.hibernate.cfg.Configuration" %>
<%@ page import="org.hibernate.boot.registry.StandardServiceRegistryBuilder" %>
<%@ page import="org.hibernate.SessionFactory" %>
<%@ page import="org.hibernate.Session" %>
<%@ page import="org.hibernate.Transaction" %>
<%@ page import="org.hibernate.query.Query" %>
<%@ page import="java.util.List" %>
<%@ page import="com.dto.Students" %>
<!DOCTYPE html>
<html>

```

```
<head>
<meta charset="ISO-8859-1">
<style>
body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

#students {
    font-family: Arial, Helvetica, sans-serif;
    border-collapse: collapse;
    width: 70%;
}

#students td, #students th {
    border: 1px solid #ddd;
    padding: 8px;
}

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

#students tr:hover {background-color: #ddd;}

#students th {
    padding-top: 12px;
    padding-bottom: 12px;
    text-align: left;
    background-color: #04AA6D;
    color: white;
}
```

```

}

a {
    color: #003366;
    font-size: 20px;
}

</style>
<title>Student Details</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>
        <div align="center">
            <a href="addstudent.jsp">Add Student</a><br>
            <p style='font-size:30px'><b> Students List </b></p>
            <table id="students">
                <thead>
                    <tr>
                        <th>E.Roll No.</th>
                        <th>First Name</th>
                        <th>Last Name</th>
                        <th>Age</th>
                        <th>Class</th>
                        <th>Section</th>
                    </tr>
                </thead>
                <tbody>
                    <%
                        try{
                            Configuration cfg = new
Configuration().configure();
                            cfg.addAnnotatedClass(com.dto.Students.class);
                            StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
                            SessionFactory factory =
cfg.buildSessionFactory(builder.build());
                            Session s = factory.openSession();
                            Transaction tx = s.beginTransaction();

```

```

        Query query = s.createQuery("from Students");
        List<Students> stl = query.list();
        for(Students st:stl){
            out.println("<tr><td>" + st.getRollno() + "</td><td>" + st.getFname() + "</td><td>" + st.getLname() + "</td><td>" + st.getAge() + "</td><td>" + st.getClasses() + "</td><td>" + st.getSection() + "</td></tr>");
        }
        tx.commit();
        s.close();
    }catch(Exception e){
        e.printStackTrace();
    }
    %>
</tbody>
</table>
<br><br><br>
</div>
</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
    Twarit Soni.</p>
</div>

</body>
</html>

```

## sub-class.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<%@ page import="org.hibernate.cfg.Configuration" %>
<%@ page import="org.hibernate.boot.registry.StandardServiceRegistryBuilder" %>
<%@ page import="org.hibernate.SessionFactory" %>
<%@ page import="org.hibernate.Session" %>
<%@ page import="org.hibernate.Transaction" %>
<%@ page import="org.hibernate.query.Query" %>
<%@ page import="java.util.List" %>
<%@ page import="com.dto.SubjectClass" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">

```

```
<style>

body {
    background-color: lightblue;
}

.header {
    padding: 30px;
    text-align: center;
    background: #1abc9c;
    color: white;
}

.footer {
    position: fixed;
    left: 0;
    bottom: 0;
    width: 100%;
    background-color: lightgreen;
    color: black;
    text-align: center;
}

#subjects {
    font-family: Arial, Helvetica, sans-serif;
    border-collapse: collapse;
    width: 70%;
}

#subjects td, #subjects th {
    border: 1px solid #ddd;
    padding: 8px;
}

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

#subjects tr:hover {background-color: #ddd;}

#subjects th {
    padding-top: 12px;
    padding-bottom: 12px;
    text-align: left;
    background-color: #04AA6D;
    color: white;
}
```

```
a {
    color: #003366;
    font-size: 20px;
}

</style>
<title>Subjects Details</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>

        <div align="center">
            <a href="dashboard.jsp">Click here for Dashboard</a><br>
            <p style='font-size:30px'><b>Assigned Subjects List </b></p>
            <table id="subjects">
                <thead>
                    <tr>
                        <th>Subject Id</th>
                        <th>Subject Name</th>
                        <th>Subject Code</th>
                        <th>Class Assigned</th>
                    </tr>
                </thead>
                <tbody>
                    <%
                        try{
                            Configuration cfg = new Configuration().configure();
                            cfg.addAnnotatedClass(com.dto.SubjectClass.class);
                            StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
                            SessionFactory factory =
cfg.buildSessionFactory(builder.build());
                            Session s = factory.openSession();
                            Transaction tx = s.beginTransaction();
                            Query query = s.createQuery("from SubjectClass");
                            List<SubjectClass> sbc = query.list();
                            for(SubjectClass sb:sbc){
```

```

        out.println("<tr><td>" + sb.getSubid() + "</td><td>" +
sb.getSubjectname() + "</td><td>" + sb.getSubcode() + "</td><td>" + sb.getClasses() + "</td>
></tr>");
    }
    tx.commit();
    s.close();
} catch (Exception e) {
    e.printStackTrace();
}
    %>
</tbody>
</table>
<br><br><br>
</div>
</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>

```

## subjectsdetails.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<%@ page import="org.hibernate.cfg.Configuration" %>
<%@ page import="org.hibernate.boot.registry.StandardServiceRegistryBuilder" %>
<%@ page import="org.hibernate.SessionFactory" %>
<%@ page import="org.hibernate.Session" %>
<%@ page import="org.hibernate.Transaction" %>
<%@ page import="org.hibernate.query.Query" %>
<%@ page import="java.util.List" %>
<%@ page import="com.dto.SubjectClass" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>

body {

```



```
        background-color: lightblue;
    }

    .header {
        padding: 30px;
        text-align: center;
        background: #1abc9c;
        color: white;
    }

    .footer {
        position: fixed;
        left: 0;
        bottom: 0;
        width: 100%;
        background-color: lightgreen;
        color: black;
        text-align: center;
    }

    #subjects {
        font-family: Arial, Helvetica, sans-serif;
        border-collapse: collapse;
        width: 70%;
    }

    #subjects td, #subjects th {
        border: 1px solid #ddd;
        padding: 8px;
    }

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

    #subjects tr:hover {background-color: #ddd;}

    #subjects th {
        padding-top: 12px;
        padding-bottom: 12px;
        text-align: left;
        background-color: #04AA6D;
        color: white;
    }

    a {
        color: #003366;
```

```

    font-size: 20px;
}

</style>
<title>Subjects Details</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>

        <div align="center">
            <a href="dashboard.jsp">Click here for Dashboard</a><br>
            <p style='font-size:30px'><b>Assigned Subjects List </b></p>
            <table id="subjects">
                <thead>
                    <tr>
                        <th>Subject Id</th>
                        <th>Subject Name</th>
                        <th>Subject Code</th>
                        <th>Class Assigned</th>
                    </tr>
                </thead>
                <tbody>
                    <%
                        try{
                            Configuration cfg = new Configuration().configure();
                            cfg.addAnnotatedClass(com.dto.SubjectClass.class);
                            StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
                            SessionFactory factory =
cfg.buildSessionFactory(builder.build());
                            Session s = factory.openSession();
                            Transaction tx = s.beginTransaction();
                            Query query = s.createQuery("from SubjectClass");
                            List<SubjectClass> sbc = query.list();
                            for(SubjectClass sb:sbc){
                                out.println("<tr><td>" + sb.getSubid() + "</td><td>" +
sb.getSubjectname() + "</td><td>" + sb.getSubcode() + "</td><td>" + sb.getClasses() + "</td>
></tr>");

```

```

        }
        tx.commit();
        s.close();
    }catch(Exception e){
        e.printStackTrace();
    }
    %>
</tbody>
</table>
<br><br><br>
</div>
</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>

```

## teacherdetails.jsp:

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@ page session = "true" %>
<%@ page import="org.hibernate.cfg.Configuration" %>
<%@ page import="org.hibernate.boot.registry.StandardServiceRegistryBuilder" %>
<%@ page import="org.hibernate.SessionFactory" %>
<%@ page import="org.hibernate.Session" %>
<%@ page import="org.hibernate.Transaction" %>
<%@ page import="org.hibernate.query.Query" %>
<%@ page import="java.util.List" %>
<%@ page import="com.dto.Teachers" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<style>
body {
    background-color: lightblue;
}

.header {

```

```
padding: 30px;
text-align: center;
background: #1abc9c;
color: white;
}

.footer {
  position: fixed;
  left: 0;
  bottom: 0;
  width: 100%;
  background-color: lightgreen;
  color: black;
  text-align: center;
}

#teachers {
  font-family: Arial, Helvetica, sans-serif;
  border-collapse: collapse;
  width: 70%;
}

#teachers td, #teachers th {
  border: 1px solid #ddd;
  padding: 8px;
}

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

#teachers tr:hover {background-color: #ddd;}

#teachers th {
  padding-top: 12px;
  padding-bottom: 12px;
  text-align: left;
  background-color: #04AA6D;
  color: white;
}

a {
  color: #003366;
  font-size: 20px;
}

</style>
```

```

<title>Teachers details</title>
</head>
<body>
    <div class="header">
        <h1>Learner's Academy</h1>
        <p>
            A <b>Learning School</b> to achieve your goals.
        </p>
    </div>

    <main>
        <div align="center">
            <a href="addteacher.jsp">Add Teacher</a><br>
            <p style='font-size:30px'><b> Teachers List </b></p>
            <table id="teachers">
                <thead>
                    <tr>
                        <th>Teacher Id</th>
                        <th>First Name</th>
                        <th>Last Name</th>
                        <th>Age</th>
                        <th>Contact</th>
                    </tr>
                </thead>
                <tbody>
                    <%
                        try{
                            Configuration cfg = new Configuration().configure();
                            cfg.addAnnotatedClass(com.dto.Teachers.class);
                            StandardServiceRegistryBuilder builder = new
StandardServiceRegistryBuilder().applySettings(cfg.getProperties());
                            SessionFactory factory =
cfg.buildSessionFactory(builder.build());
                            Session s = factory.openSession();
                            Transaction tx = s.beginTransaction();
                            Query query = s.createQuery("from Teachers");
                            List<Teachers> t1 = query.list();
                            for(Teachers t:t1){
                                out.println("<tr><td>" + t.getTid() + "</td><td>" + t.g
etFname() + "</td><td>" + t.getLname() + "</td><td>" + t.getAge() + "</td><td>" + t.getContac
t() + "</td></tr>");
                            }
                            tx.commit();
                            s.close();
                        }catch(Exception e){

```

```

                                e.printStackTrace();
                            }
                        %>
                    </tbody>
                </table>
                <br><br><br>
            </div>

</main>

<div class="footer">
    <p>Learner's Academy.All Rights Reserved.This Website is developed by
Twarit Soni.</p>
</div>

</body>
</html>

```

## web.xml:

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://java.sun.com/xml/ns/javaee"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd" id="WebApp_ID" version="2.5">
    <display-name>Phase 2 Project- LearnerAcademy</display-name>
    <welcome-file-list>
        <welcome-file>adminlogin.jsp</welcome-file>
    </welcome-file-list>
    <servlet>
        <description></description>
        <display-name>LoginController</display-name>
        <servlet-name>LoginController</servlet-name>
        <servlet-class>com.servlets.LoginController</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>LoginController</servlet-name>
        <url-pattern>/LoginController</url-pattern>
    </servlet-mapping>
    <servlet>
        <description></description>
        <display-name>AdminLogout</display-name>
        <servlet-name>AdminLogout</servlet-name>
        <servlet-class>com.servlets.AdminLogout</servlet-class>

```

```
</servlet>
<servlet-mapping>
  <servlet-name>AdminLogout</servlet-name>
  <url-pattern>/AdminLogout</url-pattern>
</servlet-mapping>
<servlet>
  <description></description>
  <display-name>AddTeacher</display-name>
  <servlet-name>AddTeacher</servlet-name>
  <servlet-class>com.servlets.AddTeacher</servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name>AddTeacher</servlet-name>
  <url-pattern>/AddTeacher</url-pattern>
</servlet-mapping>
<filter>
  <display-name>TeacherVal</display-name>
  <filter-name>TeacherVal</filter-name>
  <filter-class>com.filters.TeacherVal</filter-class>
</filter>
<filter-mapping>
  <filter-name>TeacherVal</filter-name>
  <servlet-name>AddTeacher</servlet-name>
</filter-mapping>
<servlet>
  <description></description>
  <display-name>AddSubject</display-name>
  <servlet-name>AddSubject</servlet-name>
  <servlet-class>com.servlets.AddSubject</servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name>AddSubject</servlet-name>
  <url-pattern>/AddSubject</url-pattern>
</servlet-mapping>
<filter>
  <display-name>SubjectVal</display-name>
  <filter-name>SubjectVal</filter-name>
  <filter-class>com.filters.SubjectVal</filter-class>
</filter>
<filter-mapping>
  <filter-name>SubjectVal</filter-name>
  <servlet-name>AddSubject</servlet-name>
</filter-mapping>
<servlet>
  <description></description>
```

```
<display-name>AssignSubject</display-name>
<servlet-name>AssignSubject</servlet-name>
<servlet-class>com.servlets.AssignSubject</servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name>AssignSubject</servlet-name>
  <url-pattern>/AssignSubject</url-pattern>
</servlet-mapping>
<servlet>
  <description></description>
  <display-name>AddStudent</display-name>
  <servlet-name>AddStudent</servlet-name>
  <servlet-class>com.servlets.AddStudent</servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name>AddStudent</servlet-name>
  <url-pattern>/AddStudent</url-pattern>
</servlet-mapping>
<filter>
  <display-name>StudentVal</display-name>
  <filter-name>StudentVal</filter-name>
  <filter-class>com.filters.StudentVal</filter-class>
</filter>
<filter-mapping>
  <filter-name>StudentVal</filter-name>
  <servlet-name>AddStudent</servlet-name>
</filter-mapping>
<servlet>
  <description></description>
  <display-name>AddClass</display-name>
  <servlet-name>AddClass</servlet-name>
  <servlet-class>com.servlets.AddClass</servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name>AddClass</servlet-name>
  <url-pattern>/AddClass</url-pattern>
</servlet-mapping>
<filter>
  <display-name>ClassVal</display-name>
  <filter-name>ClassVal</filter-name>
  <filter-class>com.filters.ClassVal</filter-class>
</filter>
<filter-mapping>
  <filter-name>ClassVal</filter-name>
  <servlet-name>AddClass</servlet-name>
```



```
</filter-mapping>
<filter>
  <display-name>AssignSubVal</display-name>
  <filter-name>AssignSubVal</filter-name>
  <filter-class>com.filters.AssignSubVal</filter-class>
</filter>
<filter-mapping>
  <filter-name>AssignSubVal</filter-name>
  <servlet-name>AssignSubject</servlet-name>
</filter-mapping>
</web-app>
```