

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<h1>Welcome to administrative portal for the Learner's Academy</h1>
<p>What do you want to do?</p>
<table>
<tr>
<th>Add Items</th>
<th>View Items</th>
</tr>
<tr>
<td><a href="HTML/addClasses.html">Add Class</a><br/></td>
<td><a href="viewClass.jsp">View Classes</a><br/></td>
</tr>
<tr>
<td><a href="HTML/addSubject.html">Add Subject</a><br/></td>
<td><a href="viewSubject.jsp">View Subjects</a><br/></td>
</tr>
<tr>
<td><a href="HTML/addTeacher.html">Add Teacher</a><br/></td>
<td><a href="viewTeachers.jsp">View Teachers</a><br/></td>
</tr>
<tr>
<td><a href="HTML/addStudent.html">Add Student</a><br/></td>
<td><a href="viewStudent.jsp">View Students</a><br/></td>
</tr>
</table>
<br>
<a href="assignStudentToClass.jsp">Assign Student to Class</a><br>
<a href="assignTeacherToSubject.jsp">Assign Teacher to Class</a><br>
<a href="assignSubjectToClass.jsp">Assign Subject to Class</a><br>
<a href="chooseClassReport.jsp">Choose Class for report</a>

</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<h1>Add Class</h1>
  <form action="../addClass" method="post">
    <label for="class">Class:</label><br>
    <input type="text" id="class" name="class"><br>
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<h1>Add Student</h1>
  <form action="../addStudent" method="post">
    <label for="fname">Name</label><br>
    <input type="text" id="fname" name="fname"><br>
    <label for="lname">Last Name</label><br>
    <input type="text" id="lname" name="lname"><br>
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<h1>Add Subject</h1>
  <form action="../../addSubject" method="post">
    <label for="name">Subject Name:</label><br>
    <input type="text" id="name" name="name"><br>
    <input type="submit" value="Submit">
  </form>
</body>
</html>
```

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<h1>Add Teacher</h1>
  <form action="../../addTeacher" method="post">
    <label for="name">Name:</label><br>
    <input type="text" id="name" name="name"><br>
    <label for="lname">Last name</label><br>
    <input type="text" id="lname" name="lname"><br>
    <input type="submit" value="Submit">
  </form>

</body>
</html>
```

```

<%@page import="com.simplilearn.entity.Subject"%>
<%@page import="org.hibernate.Session"%>
<%@page import="com.simplilearn.entity.Classes"%>
<%@page import="java.util.List"%>
<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<a href="index.html">Back to Main Menu</a><br>
<a href="HTML/addClasses.html">Add Class</a><br>
<a href="assignSubjectToClass.jsp">Assign Subject to Class</a><br>

<h1>The Following Classes are listed</h1>
<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Classes> classes = hibernateSession.createQuery("from Classes").list();
%>
<table>
<tr>
<th>Class Name </th>
<th>Subject Name</th>
</tr>
<%
    for(Classes clas : classes){
        out.print("<tr>");
        out.print("<td>" + clas.getName() + "</td>");

        StringBuffer buf = new StringBuffer();
        boolean first = true;
        for (Subject subject : clas.getSubjects()){
            if(first== true){
                buf.append("<td>" + subject.getName() + "</td>");
                buf.append("</tr>");
                first = false;
            }else{
                buf.append("<tr><td></td>");
                buf.append("<td>" + subject.getName() + "</td>");
                buf.append("</tr>");
            }
        }
    }
%>

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        out.print(buf.toString());
    }
    %>
</table>
</body>
</html>

```

```

<%@page import="com.simplilearn.entity.Student"%>
<%@page import="java.util.List"%>
<%@page import="org.hibernate.Session"%>
<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<a href="index.html">Back to Main Menu</a><br>
<a href="HTML/addStudent.html">Add Student</a><br>
<a href="assignStudentToClass.jsp">Assign Student</a>

<h1>The Following Students are listed</h1>
<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Student> students = hibernateSession.createQuery("from Student").list();
%>
<table>
<tr>
<th>Name </th>
<th>Last Name </th>
<th>Assigned Class </th>
</tr>
<%
    for(Student student : students){
        out.print("<tr>");
        out.print("<td>" + student.getName() + "</td>");
        out.print("<td>" + student.getFname() + "</td>");
        out.print("<td>" + getClassName(student) + "</td>");
        out.print("</tr>");
    }

```

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    %>
</table>

<%!
    public String getClassName(Student student){
        if (student.getClasses() == null){
            return "no class assigned";
        }
        else{
            return student.getClasses().getName();
        }
    }
}

%>
</body>
</html>

```

```

<%@page import="com.simplilearn.entity.Subject"%>
<%@page import="java.util.List"%>
<%@page import="org.hibernate.Session"%>
<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<a href="index.html">Back to Main Menu</a><br>
<a href="HTML/addSubject.html">Add Subject</a><br>

<h1>The Following Subjects are listed</h1>
<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Subject> subjects = hibernateSession.createQuery("from Subject").list();
%>
<table>
<tr>
<th>Subject Name </th>
</tr>
<%

```

```

        for (Subject subject : subjects) {
            out.print("<tr>");
            out.print("<td>" + subject.getName() + "</td>");
            out.print("</tr>");
        }
    %>
</table>

</body>
</html>

```

```

<%@page import="com.simplilearn.entity.Subject"%>
<%@page import="com.simplilearn.entity.Teacher"%>
<%@page import="java.util.List"%>
<%@page import="org.hibernate.Session"%>
<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>

<a href="index.html">Back to Main Menu</a><br>
<a href="HTML/addTeacher.html">Add Teacher</a><br>
<a href="assignTeacherToSubject.jsp">Assign Teacher to Subject</a><br>

<h1>The Following Teachers are listed</h1>
<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Teacher> teachers = hibernateSession.createQuery("from Teacher").list();
%>
<table>
<tr>
<th>First Name </th>
<th>Last Name </th>
<th>Assigned Class</th>
</tr>

```

```

<%
    for(Teacher teacher : teachers){
        out.print("<tr>");
        out.print("<td>" + teacher.getName() + "</td>");
        out.print("<td>" + teacher.getIname() + "</td>");

        StringBuffer buf = new StringBuffer();
        boolean first = true;
        for (Subject subject : teacher.getSubjects()){
            if(first== true){
                buf.append("<td>" + subject.getName() + "</td>");
                buf.append("</tr>");
                first = false;
            }else{
                buf.append("<tr><td></td><td></td>");
                buf.append("<td>" + subject.getName() + "</td>");
                buf.append("</tr>");
            }
        }
        out.print(buf.toString());
    }
%>
</table>

</body>
</html>

```

```

<%@page import="com.simplilearn.entity.Classes"%>
<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@page import="org.hibernate.Session"%>
<%@page import="java.util.List"%>
<%@page import="com.simplilearn.entity.Student"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<a href="index.html">Back to Main Menu</a><br>

```



```

<h1>Assign a Student to a Class</h1>
<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Student> students = hibernateSession.createQuery("from Student").list();
    List<Classes> classes = hibernateSession.createQuery("from Classes").list();
%>
<form action="assignStudent" method="post">
<table>
<tr>
<th>Student Name </th>
<th>Class Name </th>
</tr>
<tr>
<td>
<select name="name">
<%
    for (Student student : students){
        out.print("<option>" + student.getName() + " " + student.getFname());
        out.print("</option>");
    }
%>
</select>
</td>

<td>
<select name="class">
<%
    for (Classes clas : classes){
        out.print("<option>" + clas.getName());
        out.print("</option>");
    }
%>
</select>
</td>
</tr>
</table>
<input type="submit" value="Submit">
</form>

</body>
</html>

```

```

<%@page import="com.simplilearn.entity.Subject"%>
<%@page import="com.simplilearn.entity.Classes"%>
<%@page import="java.util.List"%>
<%@page import="org.hibernate.Session"%>

```

```

<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<a href="index.html">Back to Main Menu</a><br>

<h1>Assign a Subject to a Class</h1>
<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Classes> classes = hibernateSession.createQuery("from Classes").list();
    List<Subject> subjects = hibernateSession.createQuery("from Subject").list();
%>
<form action="assignSubject" method="post">
<table>
<tr>
<th>Class Name </th>
<th>Subject Name </th>
</tr>
<tr>
<td>
<select name="class">
<%
    for (Classes clas : classes){
        out.print("<option>" + clas.getName());
        out.print("</option>");
    }
%>
</select>
</td>

<td>
<select name="subject">
<%
    for (Subject subject : subjects){
        out.print("<option>" + subject.getName());
        out.print("</option>");
    }
%>
</select>
</td>
</tr>

```

```

</table>
<input type="submit" value="Submit">
</form>
</body>
</html>

```

```

<%@page import="com.simplilearn.entity.Subject"%>
<%@page import="com.simplilearn.entity.Teacher"%>
<%@page import="java.util.List"%>
<%@page import="org.hibernate.Session"%>
<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<a href="index.html">Back to Main Menu</a><br>

<h1>Assign a Teacher to a Subject</h1>
<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Teacher> teachers = hibernateSession.createQuery("from Teacher").list();
    List<Subject> subjects = hibernateSession.createQuery("from Subject").list();
%>

<form action="assignTeacher" method="post">
<table>
<tr>
<th>Student Name </th>
<th>Subject Name </th>
</tr>
<tr>
<td>
<select name="name">
<%
    for (Teacher teacher : teachers){
        out.print("<option>" + teacher.getName() + " " + teacher.getLname());
        out.print("</option>");
    }

```

```

%>
</select>
</td>

<td>
<select name="subject">
<%
    for (Subject subject : subjects){
        out.print("<option>" + subject.getName());
        out.print("</option>");
    }
%>
</select>
</td>
</tr>
</table>
<input type="submit" value="Submit">
</form>
</body>
</html>

```

```

<%@page import="com.simplilearn.entity.Classes"%>
<%@page import="java.util.List"%>
<%@page import="org.hibernate.Session"%>
<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<a href="index.html">Back to Main Menu</a><br>

<h1>Choose a Class for Report Page</h1>
<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Classes> classes = hibernateSession.createQuery("from Classes").list();
%>

<form action="ClassReport.jsp" method="post">
<table>

```

```

<tr>
<th>Class Name </th>

</tr>

<tr>
<td>
<select name="class">
<%
    for (Classes clas : classes){
        out.print("<option>" + clas.getName());
        out.print("</option>");
    }
%>
</select>
</td>
</tr>
</table>
    <input type="submit" value="Submit">
</form>
</body>
</html>

```

```

<%@page import="com.simplilearn.entity.Student"%>
<%@page import="com.simplilearn.entity.Teacher"%>
<%@page import="com.simplilearn.entity.Subject"%>
<%@page import="com.simplilearn.entity.Classes"%>
<%@page import="java.util.List"%>
<%@page import="org.hibernate.Session"%>
<%@page import="com.simplilearn.util.HibernateUtil"%>
<%@page import="org.hibernate.SessionFactory"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<a href="index.html">Back to Main Menu</a><br>
<%String clas = request.getParameter("class");%>
<h1>Class Report for <%=clas%></h1>

```

```

<%
    SessionFactory sf = HibernateUtil.buildSessionFactory();
    Session hibernateSession = sf.openSession();
    List<Classes> classes = hibernateSession.createQuery("from Classes cl where
cl.name='" + clas + "'").list();

    Classes clasForReport = classes.get(0);
%>
<table>
<tr>
<th>Subject Name </th>
<th>Teacher Name </th>
</tr>
<%
    for (Subject subject: clasForReport.getSubjects()) {
        out.print("<tr>");
        out.print("<td>" + subject.getName() + "</td>");
        out.print("<td>" + getTeacherName(subject) + "</td>");
        out.print("</tr>");
    }
%>
</table>
<%!
    public String getTeacherName(Subject subject){
        Teacher teacher = subject.getTeacher();
        String name;
        String lname;

        if(teacher != null){
            name=teacher.getName();
            lname = teacher.getLname();

            return name + " " + lname;
        }else{
            return "No Teacher assigned";
        }
    }
%>
<table>
<br>
<tr>
<th>Listed Students</th>
</tr>
<%
    for (Student student : clasForReport.getStudents()) {
        out.print("<tr>");

```

```
        out.print("<td>" + student.getName() + " " + student.getFname() +  
"</td>");  
        out.print("</tr>");  
    }  
%>  
</table>  
</body>  
</html>
```