LEARNER'S ACADEMY ADMIN PORTAL

SOURCE CODE:

ClassServlet.java:
package com.admin.controller;

```java
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.List;

import javax.servlet.RequestDispatcher;
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 com.admin.model.Classes;
import com.admin.util.ClassDataUtil;


@WebServlet("/classServlet")
public class ClassServlet extends HttpServlet {
	private static final long serialVersionUID = 1L;

	protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {

		List<Classes> classes = ClassDataUtil.getClasses();

		request.setAttribute("classesList", classes);
		RequestDispatcher rd = request.getRequestDispatcher("/view_classes.jsp");

		rd.forward(request, response);
	}
	protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
		PrintWriter out=response.getWriter();
```

```java
            String sub=request.getParameter("sub");
            int cls=Integer.parseInt(request.getParameter("cls"));
            String teacher=request.getParameter("teacher");
            String sec=request.getParameter("sec");
            String time=request.getParameter("time");
            try {
                    Class.forName("com.mysql.jdbc.Driver");
            } catch (ClassNotFoundException e1) {
                    e1.printStackTrace();
            }
            try (
                    Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
                    Statement statement = connection.createStatement();){
                    //int res=statement.executeUpdate("update classes set
Teacher='"+teacher+"' and Section='"+sec+"' where Subject='"+name+"'");
                    int res=statement.executeUpdate("insert into classes
values('"+cls+"','"+sec+"','"+teacher+"','"+sub+"','"+time+"')");
                    if(res>0)
                    {
                            out.println("<b>Teacher assigned successfully</b>");
                    }
                    else
                    {
                            out.println("<b>Error occured during assigning</b>");
                    }
            }catch (SQLException e) {
                    e.printStackTrace();
            }

    }
}
```

SubjectServlet.java:

package com.admin.controller;

```java
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.List;
```

```java
import javax.servlet.RequestDispatcher;
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 com.admin.model.Subject;
import com.admin.util.SubjectDataUtil;

@WebServlet("/subjectServlet")
public class SubjectServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
        List<Subject> subjects = SubjectDataUtil.getSubjects();

        request.setAttribute("subjectsList", subjects);
        RequestDispatcher rd = request.getRequestDispatcher("/view_subjects.jsp");

        rd.forward(request, response);
    }
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
        PrintWriter out=response.getWriter();
        String name=request.getParameter("sub");
        int cls=Integer.parseInt(request.getParameter("cls"));
        try {
            Class.forName("com.mysql.jdbc.Driver");
        } catch (ClassNotFoundException e1) {
            e1.printStackTrace();
        }
        try (
            Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
            Statement statement = connection.createStatement();){
            int res=statement.executeUpdate("update subjects set Class='"+cls+"'
where Name='"+name+"'");
            if(res>0)
            {
                out.println("<b>Class assigned successfully</b>");
```

```
                }
                else
                {
                        out.println("<b>Error occured during assigning</b>");
                }
        }catch (SQLException e) {
                e.printStackTrace();
        }

    }
}
```

TeacherServlet.java:

package com.admin.controller;

```java
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.List;

import javax.servlet.RequestDispatcher;
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 com.admin.model.Teacher;
import com.admin.util.TeacherDataUtil;


@WebServlet("/teacherServlet")
public class TeacherServlet extends HttpServlet {
        private static final long serialVersionUID = 1L;

        protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {
                List<Teacher> teachers = TeacherDataUtil.getTeachers();
```

```java
			request.setAttribute("teachersList", teachers);
			RequestDispatcher rd = request.getRequestDispatcher("/view_teachers.jsp");

			rd.forward(request, response);
	}
	protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
			response.setContentType("text/html");
			PrintWriter out=response.getWriter();
			int id=Integer.parseInt(request.getParameter("id"));
			String fname=request.getParameter("fname");
			String lname=request.getParameter("lname");
			int age=Integer.parseInt(request.getParameter("age"));
			try {
					Class.forName("com.mysql.jdbc.Driver");
			} catch (ClassNotFoundException e1) {
					e1.printStackTrace();
			}
			try (
					Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
					Statement statement = connection.createStatement();)
			{
					int res=statement.executeUpdate("insert into teachers
values('"+id+"','"+fname+"','"+lname+"','"+age+"')");
					if(res>0)
					{
							out.println("<h1>Teacher Entry done successfully</h1>");
							//RequestDispatcher rd =
request.getRequestDispatcher("middle.jsp");
							//rd.forward(request, response);

					}
					else
					{
							out.println("<h1>Error occured during entry</h1>");
							//RequestDispatcher rd =
request.getRequestDispatcher("middle.jsp");
							//rd.include(request, response);
					}
			}catch (SQLException e) {
					e.printStackTrace();
			}
```

```
        }
}
```

StudentServlet.java:

```java
package com.admin.controller;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.List;

import javax.servlet.RequestDispatcher;
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 com.admin.model.Student;
import com.admin.util.StudentDataUtil;

@WebServlet("/studentServlet")
public class StudentServlet extends HttpServlet {
        private static final long serialVersionUID = 1L;

        protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {

                List<Student> students = StudentDataUtil.getStudents();

                request.setAttribute("studentsList", students);
                RequestDispatcher rd = request.getRequestDispatcher("/view_students.jsp");

                rd.forward(request, response);

        }
        protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
```

```java
PrintWriter out=response.getWriter();
int id=Integer.parseInt(request.getParameter("id"));
String fname=request.getParameter("fname");
String lname=request.getParameter("lname");
int cls=Integer.parseInt(request.getParameter("cls"));
String sec=request.getParameter("sec");
String email=request.getParameter("email");
int age=Integer.parseInt(request.getParameter("age"));
try {
        Class.forName("com.mysql.jdbc.Driver");
} catch (ClassNotFoundException e1) {
        e1.printStackTrace();
}
try (
        Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
        Statement statement = connection.createStatement();)
{
        int res=statement.executeUpdate("insert into students
values('"+id+"','"+fname+"','"+lname+"','"+cls+"','"+sec+"','"+email+"','"+age+"')");
        if(res>0)
        {
                out.println("<b>Student Entry done successfully</b>");
                //RequestDispatcher rd =
request.getRequestDispatcher("middle.jsp");
                //rd.forward(request, response);


        }
        else
        {
                out.println("<b>Error occured during entry</b>");
                //RequestDispatcher rd =
request.getRequestDispatcher("middle.jsp");
                //rd.include(request, response);
        }
}catch (SQLException e) {
        e.printStackTrace();
}

    }
}
```

ReportServlet.java:

```java
package com.admin.controller;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.ArrayList;
import java.util.List;

import javax.servlet.RequestDispatcher;
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 com.admin.model.Student;
import com.admin.model.Subject;
import com.admin.model.Teacher;

@WebServlet("/reportServlet")
public class ReportServlet extends HttpServlet {
        private static final long serialVersionUID = 1L;

        protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {

                PrintWriter out=response.getWriter();
                List<Student> students = new ArrayList<Student>();
                List<Subject> subjects = new ArrayList<Subject>();
                List<Teacher> teachers = new ArrayList<Teacher>();
                int cls=Integer.parseInt(request.getParameter("cls"));
                String sec=request.getParameter("sec");
                String sub=request.getParameter("sub");
                String teacher=request.getParameter("teacher");
                try {
                        Class.forName("com.mysql.jdbc.Driver");
```

```java
            } catch (ClassNotFoundException e1) {
                    e1.printStackTrace();
            }
            try (
                    Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
                    Statement statement = connection.createStatement();)
            {
                    ResultSet rs1=statement.executeQuery("select * from students where
Class='"+cls+"' and Section='"+sec+"'");
                    while (rs1.next()) {
                            Student student = new Student(rs1.getInt(1), rs1.getString(2),
rs1.getString(3),rs1.getString(4), rs1.getString(5), rs1.getString(6),rs1.getInt(7));
                            students.add(student);
                    }

                    ResultSet rs2 = statement.executeQuery("select * from subjects s,classes c
where s.Name=c.Subject and c.Id='"+cls+"' and c.Section='"+sec+"'");
                    while (rs2.next()) {
                            Subject subject = new Subject(rs2.getInt(1), rs2.getString(2),
rs2.getString(3));
                            subjects.add(subject);
                    }

                    ResultSet rs3 = statement.executeQuery("select * from teachers t,classes c
where c.Teacher=t.Firstname and c.Id='"+cls+"' and c.Section='"+sec+"'");
                    while (rs3.next()) {
                            Teacher tea = new Teacher(rs3.getInt(1), rs3.getString(2),
rs3.getString(3),rs3.getInt(4));
                            teachers.add(tea);
                    }
                    request.setAttribute("st_List", students);
                    request.setAttribute("sub_List", subjects);
                    request.setAttribute("tea_List", teachers);
                    request.setAttribute("Class",cls);
                    request.setAttribute("Section",sec);
                    RequestDispatcher rd =
request.getRequestDispatcher("view_reports.jsp");
                    rd.forward(request, response);
            }catch (SQLException e) {
                    e.printStackTrace();
            }
    }
```

}

LoginActionServlet.java:

package com.admin.controller;

```java
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.*;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

@WebServlet("/loginActionServlet")
public class LoginActionServlet extends HttpServlet {
        private static final long serialVersionUID = 1L;

        protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
                PrintWriter out=response.getWriter();
                response.setContentType("text/html");
                String name=request.getParameter("username");
                String pass=request.getParameter("password");
                try {
                        Class.forName("com.mysql.jdbc.Driver");
                        Connection  con=
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
                        Statement st=con.createStatement();
                        ResultSet rs=st.executeQuery("select * from user where
Username='"+name+"' and Password='"+pass+"'");
                        if(rs.next())
                        {
                                //response.setContentType("text/html");
                                RequestDispatcher rd=request.getRequestDispatcher("home.jsp");
                                rd.forward(request, response);
                        }
                        else
                        {
                                out.println("<style>");
```

```java
                        out.println("h2{");
                        out.println("Color:red;");
                        out.println("}");
                        out.println("</style>");
                        out.println("<h2>Login Failed,Invalid Credentials</h2>");

                        RequestDispatcher rd =
request.getRequestDispatcher("AdminLogin.jsp");
                        rd.include(request, response);
                    }
            }catch (SQLException e) {
                        e.printStackTrace();
            } catch (ClassNotFoundException e) {
                        e.printStackTrace();
            }
        }
}
```

Classes.java:

```java
package com.admin.model;

public class Classes {
        private int id;
        private String section;
        private String teacher;
        private String subject;
        private String time;


        public Classes(int id, String section, String teacher, String subject, String time) {
                this.id = id;
                this.section = section;
                this.teacher = teacher;
                this.subject = subject;
                this.time = time;
        }


        public int getId() {
                return id;
        }
        public void setId(int id) {
                this.id = id;
        }
```

```java
        public String getSection() {
                return section;
        }
        public void setSection(String section) {
                this.section = section;
        }
        public String getTeacher() {
                return teacher;
        }
        public void setTeacher(String teacher) {
                this.teacher = teacher;
        }
        public String getSubject() {
                return subject;
        }
        public void setSubject(String subject) {
                this.subject = subject;
        }
        public String getTime() {
                return time;
        }
        public void setTime(String time) {
                this.time = time;
        }
}
```

Subject.java:

```java
package com.admin.model;

public class Subject {
        private int id;
        private String name;
        private String shortcut;
        public int getId() {
                return id;
        }
        public Subject(int id, String name, String shortcut) {
                this.id = id;
                this.name = name;
                this.shortcut = shortcut;
        }
        public void setId(int id) {
                this.id = id;
        }
        public String getName() {
                return name;
```

```java
        }
        public void setName(String name) {
                this.name = name;
        }
        public String getShortcut() {
                return shortcut;
        }
        public void setShortcut(String shortcut) {
                this.shortcut = shortcut;
        }
}
```

Teacher.java:

```java
package com.admin.model;

public class Teacher {
        private int id;
        private String firstname;
        private String lastname;
        private int age;
        public int getId() {
                return id;
        }
        public void setId(int id) {
                this.id = id;
        }
        public String getFirstname() {
                return firstname;
        }
        public void setFirstname(String firstname) {
                this.firstname = firstname;
        }
        public String getLastname() {
                return lastname;
        }
        public void setLastname(String lastname) {
                this.lastname = lastname;
        }
        public int getAge() {
                return age;
        }
        public void setAge(int age) {
                this.age = age;
        }
        public Teacher(int id, String firstname, String lastname, int age) {
```

```java
            this.id = id;
            this.firstname = firstname;
            this.lastname = lastname;
            this.age = age;
        }
}
```

Student.java:

```java
package com.admin.model;

public class Student {

        private int id;
        private String firstName;
        private String lastName;
        private String classs;
        private String section;
        private String email;
        private int age;

        public Student(int id, String firstName, String lastName, String classs, String section,
String email, int age) {
                this.id = id;
                this.firstName = firstName;
                this.lastName = lastName;
                this.classs = classs;
                this.section = section;
                this.email = email;
                this.age = age;
        }

        public int getId() {
                return id;
        }

        public void setId(int id) {
                this.id = id;
        }

        public String getClasss() {
                return classs;
        }

        public void setClasss(String classs) {
                this.classs = classs;
```

```java
        }

        public String getSection() {
                return section;
        }

        public void setSection(String section) {
                this.section = section;
        }

        public int getAge() {
                return age;
        }

        public void setAge(int age) {
                this.age = age;
        }

        public String getFirstName() {
                return firstName;
        }
        public void setFirstName(String firstName) {
                this.firstName = firstName;
        }
        public String getLastName() {
                return lastName;
        }
        public void setLastName(String lastName) {
                this.lastName = lastName;
        }
        public String getEmail() {
                return email;
        }
        public void setEmail(String email) {
                this.email = email;
        }
}
```

ClassDataUtil.java:

package com.admin.util;

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
```

```java
import java.sql.Statement;
import java.util.ArrayList;
import java.util.List;

import com.admin.model.Classes;

public class ClassDataUtil {
    public static List<Classes> getClasses() {
        List<Classes> classes = new ArrayList<Classes>();
        try {
            Class.forName("com.mysql.jdbc.Driver");
        } catch (ClassNotFoundException e1) {
            e1.printStackTrace();
        }
        try (
            Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
            Statement statement = connection.createStatement();
            ResultSet rs = statement.executeQuery("select * from classes");

        ) {

            while (rs.next()) {
                Classes clas = new Classes(rs.getInt(1), rs.getString(2),
rs.getString(3),rs.getString(4), rs.getString(5));
                classes.add(clas);
            }
        }catch (SQLException e) {
            e.printStackTrace();
        }
        return classes;
    }
}
```

SubjectDataUtil.java:

package com.admin.util;

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
```

```java
import java.util.ArrayList;
import java.util.List;

import com.admin.model.Subject;

public class SubjectDataUtil {
        public static List<Subject> getSubjects() {
                List<Subject> subjects = new ArrayList<Subject>();
                try {
                        Class.forName("com.mysql.jdbc.Driver");
                } catch (ClassNotFoundException e1) {
                        e1.printStackTrace();
                }
                try (
                        Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
                        Statement statement = connection.createStatement();
                        ResultSet rs = statement.executeQuery("select * from subjects");

                ) {

                        while (rs.next()) {
                                Subject sub = new Subject(rs.getInt(1), rs.getString(2),
rs.getString(3));

                                subjects.add(sub);
                        }
                }catch (SQLException e) {
                        e.printStackTrace();
                }
                return subjects;
        }
}
```

TeacherDataUtil.java:

package com.admin.util;

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.ArrayList;
```

```java
import java.util.List;

import com.admin.model.Teacher;

public class TeacherDataUtil {
        public static List<Teacher> getTeachers() {
                List<Teacher> teachers = new ArrayList<Teacher>();
                try {
                        Class.forName("com.mysql.jdbc.Driver");
                } catch (ClassNotFoundException e1) {
                        e1.printStackTrace();
                }
                try (
                        Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
                        Statement statement = connection.createStatement();
                        ResultSet rs = statement.executeQuery("select * from teachers");

                ) {

                        while (rs.next()) {
                                Teacher student = new Teacher(rs.getInt(1), rs.getString(2),
rs.getString(3),rs.getInt(4));
                                teachers.add(student);
                        }

                } catch (SQLException e) {
                        e.printStackTrace();
                }
                return teachers;
        }
}
```

StudentDataUtil.java:

package com.admin.util;

```java
import java.util.ArrayList;
import java.util.List;

import com.admin.model.Student;

import java.sql.*;
```

```java
public class StudentDataUtil {

        public static List<Student> getStudents() {
                List<Student> students = new ArrayList<Student>();
                try {
                        Class.forName("com.mysql.jdbc.Driver");
                } catch (ClassNotFoundException e1) {
                        e1.printStackTrace();
                }
                try (
                        Connection connection =
DriverManager.getConnection("jdbc:mysql://localhost/admin", "root", "*Paddu@18");
                        Statement statement = connection.createStatement();
                        ResultSet rs = statement.executeQuery("select * from students");

                ) {

                        while (rs.next()) {
                                Student student = new Student(rs.getInt(1), rs.getString(2),
rs.getString(3),rs.getString(4), rs.getString(5), rs.getString(6),rs.getInt(7));
                                students.add(student);
                        }

                } catch (SQLException e) {
                        e.printStackTrace();
                }
                return students;
        }
}
```

AdminLogin.jsp:

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Admin Login Page</title>
<style>
        td{
                font-size:20px;
```

```
		}
		button{
			border:none;
			font-size: 16px;
			background-color: #000066;
			padding: 5px 15px;
			border-radius: 25px;
			color:white;
		}
		button:hover{
			box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
		}
</style>
</head>
<body style="background-color:skyblue;" align="center">
		<form action="loginActionServlet" method="post">
		<br><br><br><br><br>
			<h1>Admin Login</h1>
			<br>
			<table align="center">
				<tr>
					<td align="left" style="padding:10px 20px 10px 5px
"><b>Username</b></td>
					<td><input type="text" name="username"/></td>
				</tr>
				<tr>
					<td align="left" style="padding:10px 20px 10px 5px
"><b>Password</b></td>
					<td><input type="password" name="password"/></td>
				</tr>
			</table><br><br>
			<button type="submit">Login</button> 
			<button type="reset">Reset</button>
		</form>
</body>
</html>
```

home.jsp:

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

```
</head>
        <frameset rows="12%,*" frameborder="no">
                <frame src="header.jsp" scrolling="no" frameborder="no" style="background-
color:#000066"></frame>
                <frameset cols="20%,*">
                        <frame src="menu.jsp" scrolling="no" frameborder="no"
style="background-color:#000066"></frame>
                        <frame src="middle.jsp" name="center" ></frame>
                </frameset>
        </frameset>
</html>
```

header.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Header</title>
<style>
        a:hover{
                color:skyblue;
        }
        a{
                color:white;
                text-decoration: none;
        }
</style>
</head>
<body>
                <!-- style="white-space: nowrap;color:white;font-size:35px">-->
                <table>
                        <tr>
                                <th style="color:white;text-decoration: none;font-size:40px;padding:5px
420px 5px 0px" >Learner's Academy Administrative Portal<th>
                                <th style="padding:0px 10px 0px 10px"><a  href="middle.jsp"
target="center" style="font-size:25px">Home</a></th>
                                <th style="padding:0px 10px 0px 15px;"><a  href="AdminLogin.jsp"
target=_top style="font-size:25px">Log out</a></th>
                        </tr>
                </table>

</body>
</html>
```

menu.jsp:

```
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```jsp
	pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
<style>
	tr:hover {
		background-color: skyblue;
		color:#000066;
	}
	td{

		text-align:center;
		padding: 15px 15px ;
		font-size:30px;
	}
	a{

		color:white;
		text-decoration: none;
	}
	a:hover{
		color:#000066;
	}
</style>
</head>
<body>
	<!-- <h1>
		Learner's Academy Administrative Portal<br><br>-->
	<table width=260 height=200  >
		<tr>
			<td><a  href="classServlet" target="center" >Classes</a> </td>
		</tr>
		<tr>
			<td><a  href="subjectServlet" target="center">Subjects</a></td>
		</tr>
		<tr>
			<td><a  href="teacherServlet" target="center">Teachers</a> </td>
		</tr>
		<tr>
			<td><a  href="studentServlet" target="center">Students</a> </td>
		</tr>
		<tr>
			<td><a  href="class_report.jsp" target="center">Class Report</a></td>
		</tr>
	</table>
</body>
```

```
</html>
```

middle.jsp:

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Middle Page</title>
</head>
<body align="center" style=" font-size:50px">
        Welcome...!
</body>
</html>
```

view_classes.jsp:

```jsp
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Classes List</title>
<style>
        tr:nth-child(odd) {
                background-color: skyblue;
        }
        th{
                background-color:#000066;
                color:white;
        }
        th,td{
                padding:5px 5px 5px 5px;
                border-bottom: 1px solid #ddd;
        }
        button{
                border:none;
                font-size: 16px;
                background-color: #000066;
                padding: 10px 20px;
                border-radius: 25px;
                color:white;
```

```
        }
        button:hover{
                box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
        }
</style>
</head>
<body align="center">
        <h1>Classes List</h1>
        <table align="center" width=600 height=100>
                <tr>
                        <th>ID</th>
                        <th>Section</th>
                        <th>Teacher</th>
                        <th>Subject</th>
                        <th>Time</th>
                </tr>
                <c:forEach var="cls" items="${classesList}">
                        <tr>
                                <td>${cls.id}</td>
                                <td>${cls.section}</td>
                                <td>${cls.teacher}</td>
                                <td>${cls.subject}</td>
                                <td>${cls.time}</td>
                        </tr>
                </c:forEach>
        </table><br><br>
        <a href="assign_teacher.jsp"><button>Assign Teacher</button></a>
</body>
</html>
```

view_subjects.jsp:

```
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Subjects List</title>
<style>
        tr:nth-child(odd) {
                background-color: skyblue;
        }
        th{
                background-color:#000066;
```

```
                color:white;
        }
        th,td{
                padding:5px 5px 5px 5px;
        }
        button{
                border:none;
                font-size: 16px;
                background-color: #000066;
                padding: 10px 20px;
                border-radius: 25px;
                color:white;
        }
        button:hover{
                box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
        }
</style>
</head>
<body align="center">

        <h1>Subjects List</h1>
        <table align="center" width=600 height=100>
                <tr>
                        <th>ID</th>
                        <th>Name</th>
                        <th>Shortcut</th>
                </tr>
                <c:forEach var="subject" items="${subjectsList}">
                        <tr>
                                <td>${subject.id}</td>
                                <td>${subject.name}</td>
                                <td>${subject.shortcut}</td>
                        </tr>
                </c:forEach>
        </table><br><br>
        <a href="assign_class.jsp"><button>Assign Class</button></a>
</body>
</html>
```

view_teachers.jsp:

```
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
```

```html
<meta charset="ISO-8859-1">
<title>Teachers List</title>
<style>
        tr:nth-child(odd) {
                background-color: skyblue;
        }
        th{
                background-color:#000066;
                color:white;
        }
        th,td{
                padding:5px 5px 5px 5px;
        }
        button{
                border:none;
                font-size: 16px;
                background-color: #000066;
                padding: 5px 15px;
                border-radius: 25px;
                color:white;
        }
        button:hover{
                box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
        }
</style>
</head>
<body align="center">

        <h1>Teachers List</h1>
        <table align="center" width=600 height=100>
                <tr>
                        <th>ID</th>
                        <th>First Name</th>
                        <th>Last Name</th>
                        <th>Age</th>
                </tr>
                <c:forEach var="teacher" items="${teachersList}">
                        <tr>
                                <td>${teacher.id}</td>
                                <td>${teacher.firstname}</td>
                                <td>${teacher.lastname}</td>
                                <td>${teacher.age}</td>
                        </tr>
                </c:forEach>
        </table><br><br>
        <a href="add_teacher.jsp"><button>Add Teacher</button></a>
```

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

view_students.jsp:

```jsp
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>

<%@ page import="java.util.*,com.admin.model.Student" %>

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Students List</title>
<style>
        tr:nth-child(odd) {
                background-color: skyblue;
        }
        th{
                background-color:#000066;
                color:white;
        }
        th,td{
                padding:5px 5px 5px 5px;
        }
        button{
                border:none;
                font-size: 16px;
                background-color: #000066;
                padding: 10px 20px;
                border-radius: 25px;
                color:white;
        }
        button:hover{
                box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
        }
</style>
</head>
<body align="center">
        <h1>Students List</h1>
        <table align="center"  width=600 height=100>
                <tr>
                        <th>ID</th>
```

```html
                    <th>First Name</th>
                    <th>Last Name</th>
                    <th>Class</th>
                    <th>Section</th>
                    <th>Email</th>
                    <th>Age</th>
            </tr>
            <c:forEach var="student" items="${studentsList}">
                    <tr>
                            <td>${student.id}</td>
                            <td>${student.firstName}</td>
                            <td>${student.lastName}</td>
                            <td>${student.classs}</td>
                            <td>${student.section}</td>
                            <td>${student.email}</td>
                            <td>${student.age}</td>
                    </tr>
            </c:forEach>
    </table>
    <br><br>
    <a href="add_student.jsp"><button>Add Student</button></a>
</body>
</html>
```

view_reports.jsp:

```html
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Class Report</title>
<style>
    tr:nth-child(odd) {
            background-color: skyblue;
    }
    th{
            background-color:#000066;
            color:white;
    }
    th,td{
            padding:5px 5px 5px 5px;
    }
</style>
```

```html
</head>
<body align="center">
	<h1>Class Report</h1>
	<h2>Class:  ${Class}  Section: ${Section}</h2>
	<h1>Students List</h1>
	<table align="center" width=600 height=100>
		<tr>
			<th>ID</th>
			<th>First Name</th>
			<th>Last Name</th>
			<th>Class</th>
			<th>Section</th>
			<th>Email</th>
			<th>Age</th>
		</tr>
		<c:forEach var="st" items="${st_List}">
			<tr>
				<td>${st.id}</td>
				<td>${st.firstName}</td>
				<td>${st.lastName}</td>
				<td>${st.classss}</td>
				<td>${st.section}</td>
				<td>${st.email}</td>
				<td>${st.age}</td>
			</tr>
		</c:forEach>
	</table>
	<br><br>
	<h1>Subjects List</h1>
	<table align="center" width=600 height=100>
		<tr>
			<th>ID</th>
			<th>Name</th>
			<th>Shortcut</th>
		</tr>
		<c:forEach var="subject" items="${sub_List}">
			<tr>
				<td>${subject.id}</td>
				<td>${subject.name}</td>
				<td>${subject.shortcut}</td>
			</tr>
		</c:forEach>
	</table><br><br>
	<h1>Teachers List</h1>
	<table align="center" width=600 height=100>
		<tr>
```

```
                    <th>ID</th>
                    <th>First Name</th>
                    <th>Last Name</th>
                    <th>Age</th>
            </tr>
            <c:forEach var="teacher" items="${tea_List}">
                    <tr>
                            <td>${teacher.id}</td>
                            <td>${teacher.firstname}</td>
                            <td>${teacher.lastname}</td>
                            <td>${teacher.age}</td>
                    </tr>
            </c:forEach>
        </table>
</body>
</html>
```

add_student.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Student Home</title>
<style>
        td{
                font-size:20px;
        }
        button{
                border:none;
                font-size: 16px;
                background-color: #000066;
                padding: 5px 15px;
                border-radius: 25px;
                color:white;
        }
        button:hover{
                box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
        }
</style>
</head>
<body align="center">

        <form action="studentServlet" method="post">
```

```html
<h1>Student Entry</h1>
<table align="center">
	<tr>
		<td align="left" style="padding:10px 20px 10px 5px "><b>ID:</b></td>
		<td align="left"><input type="text" name="id"/></td>
	</tr>
	<tr>
		<td align="left" style="padding:10px 20px 10px 5px "><b>FirstName:</b></td>
		<td align="left"><input type="text" name="fname"/></td>
	</tr>
	<tr>
		<td align="left" style="padding:10px 20px 10px 5px "><b>LastName:</b></td>
		<td align="left"><input type="text" name="lname"/></td>
	</tr>
	<tr>
		<td align="left" style="padding:10px 20px 10px 5px "><b>class:</b></td>
		<td align="left"><select name="cls">
			<option selected>Select</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>
			<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>
		</select></td>
	</tr>
	<tr>
		<td align="left" style="padding:10px 20px 10px 5px "><b>Section:</b></td>
		<td align="left">
		<select name="sec">
			<option selected>Select</option>
			<option value="A">A</option>
			<option value="B">B</option>
			<option value="C">C</option>
			<option value="D">D</option>
			<option value="E">E</option>
			<option value="F">F</option>
```

```html
            </select>
            </td>
                </tr>
                <tr>
                    <td align="left" style="padding:10px 20px 10px 5px
"><b>Email:</b></td>
                    <td align="left"><input type="text" name="email"/></td>
                </tr>
                <tr>
                    <td align="left" style="padding:10px 20px 10px 5px
"><b>Age:</b></td>
                    <td align="left"><input type="text" name="age"/></td>
            </table><br><br>
            <button type="submit">Add</button> 
            <button type="reset">Reset</button>
        </form><br><br>
</body>
</html>
```

add_teacher.jsp:

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Add Teacher</title>
<style>
    td{
        font-size:20px;
    }
    button{
        border:none;
        font-size: 16px;
        background-color: #000066;
        padding: 5px 15px;
        border-radius: 25px;
        color:white;
    }
    button:hover{
        box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
    }
</style>
</head>
<body align="center">
```

```html
<form action="teacherServlet" method="post">
        <h1>Teacher Entry</h1>
        <table align="center">
            <tr>
                <td align="left" style="padding:10px 20px 10px 5px "><b>ID:</b></td>
                <td align="left"><input type="text" name="id"/></td>
            </tr>
            <tr>
                <td align="left" style="padding:10px 20px 10px 5px "><b>FirstName:</b></td>
                <td align="left"><input type="text" name="fname"/></td>
            </tr>
            <tr>
                <td align="left" style="padding:10px 20px 10px 5px "><b>LastName:</b></td>
                <td align="left"><input type="text" name="lname"/></td>
            </tr>
            <tr>
            <tr>
                <td align="left" style="padding:10px 20px 10px 5px "><b>Age:</b></td>
                <td align="left"><input type="text" name="age"/></td>
        </table><br><br>
        <button type="submit">Add</button> 
        <button type="reset">Reset</button>
</body>
</html>
```

assign_class.java:

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Assign Class</title>
<style>
    td{
        font-size:20px;
    }
    button{
        border:none;
        font-size: 16px;
        background-color: #000066;
```

```html
            padding: 10px 20px;
            border-radius: 25px;
            color:white;
        }
    button:hover{
            box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
        }
</style>
</head>
<body align="center">

        <form action="subjectServlet" method="post">
            <h1>Assign class for subject</h1><br>
            <table align="center">
              <tr>
                <td align="left" style="padding:10px 20px 10px 5px "><b>Subject:</b> </td>
                <td align="left"><select name="sub">
                            <option selected>Select</option>
                            <option value="Telugu">Telugu</option>
                            <option value="Hindi">Hindi</option>
                            <option value="English">English</option>
                            <option value="Maths">Maths</option>
                            <option value="Science">Science</option>
                            <option value="Social">Social</option>
                            <option value="Computer">Computer</option>
                            <option value="General Knowledge">General
Knowledge</option>
                            <option value="Sports">Sports</option>
                    </select></td>
            </tr>
            <tr>
              <td align="left" style="padding:10px 20px 10px 5px "><b>Class:</b></td>
              <td align="left"><select name="cls">
                            <option selected>Select</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>
                            <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>
                    </select></td>
            </tr>
```

```
                </table>
                        <br><br>
                        <button>Assign</button><br><br>
                </form>
        </body>
        </html>
```

assign_teacher.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Assign Teacher</title>
<style>
        td{
                font-size:20px;
        }
        button{
                border:none;
                font-size: 16px;
                background-color: #000066;
                padding: 10px 20px;
                border-radius: 25px;
                color:white;
        }
        button:hover{
                box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
        }
</style>
</head>
<body align="center">

        <form action="classServlet" method="post">
                <h1>Assign Teacher to a class for a subject</h1><br><br>
                <table align="center">
   <tr>
     <td align="left" style="padding:10px 20px 10px 5px "><b>Class:</b></td>
     <td align="left"><select name="cls">
                        <option selected>Select</option>
                        <option value="1">1</option>
                        <option value="2">2</option>
```

```html
                    <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>
            </select></td>
</tr>
<tr>
            <td align="left" style="padding:10px 20px 10px 5px "><b>Section:</b></td>
            <td align="left">
            <select name="sec">
                        <option selected>Select</option>
                        <option value="A">A</option>
                        <option value="B">B</option>
                        <option value="C">C</option>
                        <option value="D">D</option>
                        <option value="E">E</option>
                        <option value="F">F</option>
            </select>
            </td>
    </tr>
    <tr>
 <td align="left" style="padding:10px 20px 10px 5px "><b>Subject:</b> </td>
 <td align="left"><select name="sub">
                        <option selected>Select</option>
                        <option value="Telugu">Telugu</option>
                        <option value="Hindi">Hindi</option>
                        <option value="English">English</option>
                        <option value="Maths">Maths</option>
                        <option value="Science">Science</option>
                        <option value="Social">Social</option>
                        <option value="Computer">Computer</option>
                        <option value="General Knowledge">General Knowledge</option>
                        <option value="Sports">Sports</option>
            </select></td>
</tr>
<tr>
 <td align="left" style="padding:10px 20px 10px 5px "><b>Teacher:</b></td>
 <td align="left">
                        <select name="teacher">
                                    <option selected>Select</option>
                                    <option value="Amar">Amar</option>
                                    <option value="Jyostna">Jyostna</option>
```

```
                    <option value="Nirupam">Nirupam</option>
                    <option value="Phani">Phani</option>
                    <option value="Ram">Ram</option>
                    <option value="John">John</option>
                    <option value="Sam">Sam</option>
                    <option value="prasad">prasad</option>
                    <option value="Sita">Sita</option>
                    <option value="Venkat">Venkat</option>
                </select></td></td>
    </tr>
    <tr>
      <td align="left" style="padding:10px 20px 10px 5px "><b>Time:</b></td>
      <td align="left"><input type="text" name="time"/></td>
    </tr>
  </table><br><br>
                <button>Assign</button><br><br>
        </form><br><br>
</body>
</html>
```

class_report.jsp:

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
   pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Class Report</title>
<style>
        td{
                font-size:20px;
        }
        button{
                border:none;
                font-size: 16px;
                background-color: #000066;
                padding: 5px 15px;
                border-radius: 25px;
                color:white;
        }
        button:hover{
                box-shadow: 0 8px 16px 0 rgba(0,0,0,0.2), 0 6px 20px 0 rgba(0,0,0,0.19);
        }
</style>
</head>
```

```html
<body align="center">
    <form action="reportServlet" method="post">
        <h1>Class Report Section Wise</h1><br><br>
        <table align="center">
            <tr>
                <td align="left" style="padding:10px 20px 10px 5px "><b>Class:</b></td>
                <td align="left">
                    <select name="cls">
                        <option selected>Select</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>
                        <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>
                    </select></td>
            </tr>
            <tr>
                <td align="left" style="padding:10px 30px 10px 5px "><b>Section:</b></td>
                <td>
                    <select name="sec">
                        <option selected>Select</option>
                        <option value="A">A</option>
                        <option value="B">B</option>
                        <option value="C">C</option>
                        <option value="D">D</option>
                        <option value="E">E</option>
                        <option value="F">F</option>
                    </select>
                </td>
            </tr>
        </table><br><br>
        <button type="submit">Submit</button> 
        <button type="reset">Reset</button>
    </form>
</body>
</html>
```