LEARNERS ACADEMY

Code File

**AddClasses.java**

package com.learner.demo;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

@WebServlet("/addclasses")

public class AddClasses extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

HttpSession s=request.getSession(false);

System.out.println(s);

if(s!=null) {

//fetch data from form

String std = request.getParameter("std");

String time = request.getParameter("time");

int teacher\_id=Integer.parseInt(request.getParameter("teacher\_id"));

int Subject\_id= Integer.parseInt(request.getParameter("Subject\_id"));

System.out.println(std);

System.out.println(time);

System.out.println(teacher\_id);

System.out.println(Subject\_id);

try {

//1. build hibernate session factory

SessionFactory factory = HibernateSessionUtil.getSessionfactory();

//2. create session object

Session session = factory.openSession();

//4. begin transaction

Transaction tx = session.beginTransaction();

//3. create a object

teacher t1 =new teacher();

t1=session.get(teacher.class,teacher\_id);

session.save(t1);

System.out.println(t1);

Subject s1 =new Subject();

s1=session.get(Subject.class,Subject\_id);

session.save(s1);

System.out.println(s1);

classes\_table st = new classes\_table (std,time,t1,s1);

System.out.println(st);

System.out.println(session);

//5. save product

session.save(st);

System.out.println(st);

//6. commit transaction

tx.commit();

if(session != null ) {

request.getRequestDispatcher("adminoptions.html").include(request, response);

out.print("<h3 style='color:green'> Class added sucessfully </h3>");

out.print("<a href="+"adminoptions.html"+">Go Back! </a><br>");

}

//3. close session

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'>Addition failed ! </h3>");

out.print("<a href="+"adminoptions.html"+">Go Back 2</a><br>");

}

}

else {

out.print("<h2>Problem with session, please re-login</h2>");

out.print("<a href="+"index.html"+">Go Back 3</a><br>");

}

}

@Override

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**Add Student.java**

package com.learner.demo;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

@WebServlet("/addstudent")

public class AddStudent extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

HttpSession s=request.getSession(false);

System.out.println(s);

if(s!=null) {

//fetch data from form

String name = request.getParameter("name");

String fname = request.getParameter("fname");

String lname= request.getParameter("lname");

String gender = request.getParameter("gender");

String dob = request.getParameter("dob");

String doj = request.getParameter("doj");

String address = request.getParameter("address");

String standard = request.getParameter("standard");

double fee=Double.parseDouble(request.getParameter("fee"));

try {

//1. build hibernate session factory

SessionFactory factory = HibernateSessionUtil.getSessionfactory();

//2. create session object

Session session = factory.openSession();

//3. create a object

Student st = new Student (name,fname,lname,gender,dob,doj,address,standard,fee);

//4. begin transaction

Transaction tx = session.beginTransaction();

//5. save product

session.save(st);

System.out.println(st);

//6. commit transaction

tx.commit();

if(session != null ) {

request.getRequestDispatcher("adminoptions.html").include(request, response);

out.print("<h3 style='color:green'> Student added sucessfully </h3>");

out.print("<a href="+"adminoptions.html"+">Go Back! </a><br>");

}

//3. close session

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'>Addition failed ! </h3>");

out.print("<a href="+"adminoptions.html"+">Go Back 2</a><br>");

}

}

else {

out.print("<h2>Problem with session, please re-login</h2>");

out.print("<a href="+"index.html"+">Go Back 3</a><br>");

}

}

@Override

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**Add Subject.java**

package com.learner.demo;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

@WebServlet("/addsubject")

public class AddSubject extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

HttpSession s=request.getSession(false);

System.out.println(s);

if(s!=null) {

//fetch data from form

String subname = request.getParameter("subname");

String subjectcode = request.getParameter("subjectcode");

String std= request.getParameter("std");

try {

//1. build hibernate session factory

SessionFactory factory = HibernateSessionUtil.getSessionfactory();

//2. create session object

Session session = factory.openSession();

//3. create a object

Subject st = new Subject(subname,subjectcode,std);

//4. begin transaction

Transaction tx = session.beginTransaction();

//5. save product

session.save(st);

System.out.println(st);

//6. commit transaction

tx.commit();

if(session != null ) {

request.getRequestDispatcher("adminoptions.html").include(request, response);

out.print("<h3 style='color:green'> Subject added sucessfully </h3>");

out.print("<a href="+"adminoptions.html"+">Go Back! </a><br>");

}

//3. close session

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'>Addition failed ! </h3>");

out.print("<a href="+"adminoptions.html"+">Go Back 2</a><br>");

}

}

else {

out.print("<h2>Problem with session, please re-login</h2>");

out.print("<a href="+"index.html"+">Go Back 3</a><br>");

}

}

@Override

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**Add Teacher.java**

package com.learner.demo;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

@WebServlet("/addteacher")

public class AddTeacher extends HttpServlet {

private static final long serialVersionUID = 1L;

@Override

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

// TODO Auto-generated method stub

doGet(request, response);

}

protected void doGet(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

HttpSession s=request.getSession(false);

if(s!=null) {

//fetch data from form

String tname = request.getParameter("tname");

String email = request.getParameter("email");

String password =request.getParameter("password");

String gender = request.getParameter("gender");

String dob = request.getParameter("dob");

String mobile =request.getParameter("mobile");

String address =request.getParameter("address");

String Subject=request.getParameter("Subject");

try {

//1. build hibernate session factory

SessionFactory factory = HibernateSessionUtil.getSessionfactory();

//2. create session object

Session session = factory.openSession();

//3. create a object

teacher obj = new teacher(tname,email,password,gender,dob,mobile,address,Subject);

//4. begin transaction

Transaction tx = session.beginTransaction();

//5. save product

session.save(obj);

System.out.println(obj);

//6. commit transaction

tx.commit();

if(session != null ) {

request.getRequestDispatcher("adminoptions.html").include(request, response);

out.print("<h3 style='color:green'> New Teacher data added sucessfully </h3>");

out.print("<a href="+"adminoptions.html"+">Go Back! </a><br>");

}

//3. close session

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'>Addition failed ! </h3>");

out.print("<a href="+"adminoptions.html"+">Go Back 2</a><br>");

}

}

else {

out.print("<h2>Problem with session, please re-login</h2>");

out.print("<a href="+"index.html"+">Go Back 3</a><br>");

}

}

}

**Admin login Servlet.java**

package com.learner.demo;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

@WebServlet("/adminlogin")

public class AdminloginServlet extends HttpServlet {

private static final long serialVersionUID = 1L;

protected void service(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

//add top nav

request.getRequestDispatcher("adminlogin.html").include(request, response);

// fetch data from form

String adminname = request.getParameter("adminname");

System.out.println(adminname);

String password = request.getParameter("password");

System.out.println(password);

try {

HttpSession s=request.getSession();

s.setAttribute("key", adminname);

s.setAttribute("key1", password);

if(s!=null) {

String USERNAME=(String) s.getAttribute("key");

String PASSWORD=(String) s.getAttribute("key1");

if(USERNAME.equals("Admin")&&PASSWORD.equals("admin@123")) {

out.print("<b>Admin Login successful</b>");

response.sendRedirect("adminoptions.html");

}

else {

out.print("<h3 style='color:red'> Login failed ! </h3>");

out.print("<b>Kindly Login First</b>");

}

}

} catch (Exception e) {

e.printStackTrace();

}

}

}

**Admin Logout Servlet.java**

package com.learner.demo;

import java.io.IOException;

import java.io.PrintWriter;

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 javax.servlet.http.HttpSession;

@WebServlet("/adminlogout")

public class AdminLogoutServlet extends HttpServlet {

@Override

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

// TODO Auto-generated method stub

try {

response.setContentType("text/html");

PrintWriter out=response.getWriter();

HttpSession s=request.getSession();

if(s!=null) {

s.invalidate();

out.print("<h3 style='color:green'>ADMIN Logged out Successfully</h3><br><br>");

out.print("<a href="+"index.html"+">Go Back </a>");

}

else {

out.print("Kindly Login First<br><br>");

out.print("<a href="+"index.html"+">Go Back </a>");

}

}

catch (Exception e) {

e.printStackTrace();

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**Classes\_Table.java**

package com.learner.demo;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.JoinColumn;

import javax.persistence.ManyToOne;

import javax.persistence.MapsId;

import javax.persistence.Table;

@Entity

@Table(name="Classes\_data")

public class classes\_table {

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="id")

private int id;

/\*@Column(name="Teacher\_id")

private String teacherid;

@Column(name="subject\_id")

private String subjectid; \*/

@Column(name="standard")

private String std;

@Column(name="time")

private String time;

@ManyToOne

@MapsId("teacherId")

@JoinColumn(name = "teacher\_id")

teacher teacher;

@ManyToOne

@MapsId("SubjectId")

@JoinColumn(name = "Subject\_id")

Subject Subject;

public int getId() {

return id;

}

public classes\_table(String std, String time, com.learner.demo.teacher teacher, com.learner.demo.Subject Subject) {

super();

this.std = std;

this.time = time;

this.teacher = teacher;

this.Subject = Subject;

}

public void setId(int id) {

this.id = id;

}

public String getStd() {

return std;

}

public void setStd(String std) {

this.std = std;

}

public String getTime() {

return time;

}

public void setTime(String time) {

this.time = time;

}

public teacher getTeacher() {

return teacher;

}

public void setTeacher(teacher teacher) {

this.teacher = teacher;

}

public Subject getSubject() {

return Subject;

}

public void setSubject(Subject Subject) {

this.Subject = Subject;

}

public classes\_table(int id, String std, String time, com.learner.demo.teacher teacher,

com.learner.demo.Subject Subject) {

super();

this.id = id;

this.std = std;

this.time = time;

this.teacher = teacher;

this.Subject = Subject;

}

public classes\_table() {

super();

// TODO Auto-generated constructor stub

}

@Override

public String toString() {

return "classes\_table [id=" + id + ", std=" + std + ", time=" + time + ", teacher=" + teacher + ", Subject="

+ Subject + "]";

}

}

**Fetch Classes Servlet.java**

package com.learner.demo;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

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 org.hibernate.Session;

import org.hibernate.SessionFactory;

@WebServlet("/viewclasses")

public class FetchClassesServlet extends HttpServlet{

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

PrintWriter out=resp.getWriter();

try

{

SessionFactory factory =HibernateSessionUtil.getSessionfactory();

Session session=factory.openSession();

resp.setContentType("text/html");

List<classes\_table> obj = session.createQuery("from classes\_table").list();

//show data as table.

out.print("<h4 style='text-align:center;'>Scheduled Classes :- </h4>");

out.print("<style> table,td,th {" + "border:2px solid ;text-align:center;" + "padding: 10px; " + "}</style>");

out.print("<center><table >");

out.print("<tr>");

out.print("<th> ID</th>"+"<th> Standard</th>"+"<th> Time</th>"+"<th> Teacher</th>"+"<th>Subject</th>");

out.print("</tr>");

for(classes\_table p : obj) {

teacher t1 =new teacher();

t1=p.getTeacher();

Subject s1 =new Subject();

s1=p.getSubject();

out.print("<tr>");

out.print("<td>"+p.getId()+"</td>");

out.print("<td>"+p.getStd()+"</td>");

out.print("<td>"+p.getTime()+"</td>");

out.print("<td>"+t1.getTname()+"</td>");

out.print("<td>"+s1.getSubname()+"</td>");

out.print("</tr>");

System.out.println(p.getId());

System.out.println(p.getTime());

//System.out.println(p.get());

}

out.print("</table></center>");

out.print("<a href="+"adminoptions.html"+">Go Back </a>");

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'> Hibernate session is failed ! "+e+"</h3>");

}

}

/\*List<classes\_table> list=session.createQuery("from classes\_table").list();

for(classes\_table p:list) {

out.print("<br>------------------------------<br>");

out.print("<b>Id:</b>"+p.getId()+"<br>");

out.print("<b>Standard:</b>"+p.getStd()+"<br>");

out.print("<b>Time:</b>"+p.getTime()+"<br>");

out.print("<b>Teacher:</b>"+p.getTeacher()+"<br>");

out.print("<b>Subject:</b>"+p.getSubject()+"<br>");

}\*/

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**Hibernate Session Util.java**

package com.learner.demo;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

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 org.hibernate.Session;

import org.hibernate.SessionFactory;

@WebServlet("/viewclasses")

public class FetchClassesServlet extends HttpServlet{

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

PrintWriter out=resp.getWriter();

try

{

SessionFactory factory =HibernateSessionUtil.getSessionfactory();

Session session=factory.openSession();

resp.setContentType("text/html");

List<classes\_table> obj = session.createQuery("from classes\_table").list();

//show data as table.

out.print("<h4 style='text-align:center;'>Scheduled Classes :- </h4>");

out.print("<style> table,td,th {" + "border:2px solid ;text-align:center;" + "padding: 10px; " + "}</style>");

out.print("<center><table >");

out.print("<tr>");

out.print("<th> ID</th>"+"<th> Standard</th>"+"<th> Time</th>"+"<th> Teacher</th>"+"<th>Subject</th>");

out.print("</tr>");

for(classes\_table p : obj) {

teacher t1 =new teacher();

t1=p.getTeacher();

Subject s1 =new Subject();

s1=p.getSubject();

out.print("<tr>");

out.print("<td>"+p.getId()+"</td>");

out.print("<td>"+p.getStd()+"</td>");

out.print("<td>"+p.getTime()+"</td>");

out.print("<td>"+t1.getTname()+"</td>");

out.print("<td>"+s1.getSubname()+"</td>");

out.print("</tr>");

System.out.println(p.getId());

System.out.println(p.getTime());

//System.out.println(p.get());

}

out.print("</table></center>");

out.print("<a href="+"adminoptions.html"+">Go Back </a>");

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'> Hibernate session is failed ! "+e+"</h3>");

}

}

/\*List<classes\_table> list=session.createQuery("from classes\_table").list();

for(classes\_table p:list) {

out.print("<br>------------------------------<br>");

out.print("<b>Id:</b>"+p.getId()+"<br>");

out.print("<b>Standard:</b>"+p.getStd()+"<br>");

out.print("<b>Time:</b>"+p.getTime()+"<br>");

out.print("<b>Teacher:</b>"+p.getTeacher()+"<br>");

out.print("<b>Subject:</b>"+p.getSubject()+"<br>");

}\*/

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**List Of Teachers.java**

package com.learner.demo;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

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 org.hibernate.Session;

import org.hibernate.SessionFactory;

@WebServlet("/viewteachers")

public class ListofTeachers extends HttpServlet{

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

PrintWriter out=resp.getWriter();

try

{

SessionFactory factory =HibernateSessionUtil.getSessionfactory();

Session session=factory.openSession();

resp.setContentType("text/html");

List<teacher> obj = session.createQuery("from teacher").list();

//show data as table.

out.print("<h4 style='text-align:center;'>LIST OF TEACHERS </h4>");

out.print("<style> table,td,th {" + "border:2px solid ;text-align:center;" + "padding: 10px; " + "}</style>");

out.print("<center><table >");

out.print("<tr>");

out.print("<th> ID</th>"+"<th>Name</th>"+"<th>Email</th>"+"<th>Password</th>"+"<th>Gender</th>");

out.print("<th> Date of Birth</th>"+"<th>Mobile</th>"+"<th>Address</th>");

out.print("</tr>");

for(teacher p : obj) {

out.print("<tr>");

out.print("<td>"+p.getId()+"</td>");

out.print("<td>"+p.getTname()+"</td>");

out.print("<td>"+p.getEmail()+"</td>");

out.print("<td>"+p.getPassword()+"</td>");

out.print("<td>"+p.getGender()+"</td>");

out.print("<td>"+p.getDob()+"</td>");

out.print("<td>"+p.getMobile()+"</td>");

out.print("<td>"+p.getAddress()+"</td>");

out.print("</tr>");

}

out.print("</table></center>");

out.print("<a href="+"adminoptions.html"+">Go Back </a>");

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'> Hibernate session is failed ! "+e+"</h3>");

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**List Of Students.java**

package com.learner.demo;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

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 org.hibernate.Session;

import org.hibernate.SessionFactory;

@WebServlet("/viewstudents")

public class ListStudents extends HttpServlet{

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

PrintWriter out=resp.getWriter();

try

{

SessionFactory factory =HibernateSessionUtil.getSessionfactory();

Session session=factory.openSession();

resp.setContentType("text/html");

List<Student> obj = session.createQuery("from Student").list();

//show data as table.

out.print("<h4 style='text-align:center;'>LIST OF STUDENTS :- </h4>");

out.print("<style> table,td,th {" + "border:2px solid ;text-align:center;" + "padding: 10px; " + "}</style>");

out.print("<center><table >");

out.print("<tr>");

out.print("<th> ID</th>"+"<th>Name</th>"+"<th>FirstName</th>"+"<th>LastName</th>"+"<th>Gender</th>");

out.print("<th> Date of Birth</th>"+"<th>Date of Join</th>"+"<th>Address</th>"+"<th>Class</th>"+"<th>Fee</th>");

out.print("</tr>");

for(Student p : obj) {

out.print("<tr>");

out.print("<td>"+p.getId()+"</td>");

out.print("<td>"+p.getName()+"</td>");

out.print("<td>"+p.getFname()+"</td>");

out.print("<td>"+p.getLname()+"</td>");

out.print("<td>"+p.getGender()+"</td>");

out.print("<td>"+p.getDob()+"</td>");

out.print("<td>"+p.getDoj()+"</td>");

out.print("<td>"+p.getAddress()+"</td>");

out.print("<td>"+p.getStandard()+"</td>");

out.print("<td>"+p.getFee()+"</td>");

out.print("</tr>");

}

out.print("</table></center>");

out.print("<a href="+"adminoptions.html"+">Go Back </a>");

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'> Hibernate session is failed ! "+e+"</h3>");

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**Student.java**

package com.learner.demo;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="student\_data")

public class Student {

// properties

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="id")

private int id;

@Column(name="student\_name")

private String name;

@Column(name="first\_name")

private String fname;

@Column(name="last\_name")

private String lname;

@Column(name="gender")

private String gender;

@Column(name="d\_of\_birth")

private String dob;

@Column(name="d\_of\_join")

private String doj;

@Column(name="address")

private String address;

@Column(name="standard")

private String standard;

@Column(name="fee")

private double fee;

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getFname() {

return fname;

}

public void setFname(String fname) {

this.fname = fname;

}

public String getLname() {

return lname;

}

public void setLname(String lname) {

this.lname = lname;

}

public String getGender() {

return gender;

}

public void setGender(String gender) {

this.gender = gender;

}

public String getDob() {

return dob;

}

/\*public void setDob(String dob) {

//SimpleDateFormat format1 = new SimpleDateFormat("dd/MM/yyyy");

try{

Date date1=new SimpleDateFormat("dd/MM/yyyy").parse(dob);

}catch(ParseException e1) {

e1.printStackTrace();

}

this.dob = dob;

}\*/

public void setDob(String dob) {

this.dob = dob;

}

public String getDoj() {

return doj;

}

public void setDoj(String doj) {

this.doj = doj;

}

public String getAddress() {

return address;

}

public void setAddress(String address) {

this.address = address;

}

public String getStandard() {

return standard;

}

public void setStandard(String standard) {

this.standard = standard;

}

public double getFee() {

return fee;

}

public void setFee(double fee) {

this.fee = fee;

}

public Student(int id, String name, String fname, String lname, String gender, String dob, String doj,

String address, String standard, double fee) {

super();

this.id = id;

this.name = name;

this.fname = fname;

this.lname = lname;

this.gender = gender;

this.dob = dob;

this.doj = doj;

this.address = address;

this.standard = standard;

this.fee = fee;

}

public Student(String name, String fname, String lname, String gender, String dob, String doj, String address,

String standard, double fee) {

super();

this.name = name;

this.fname = fname;

this.lname = lname;

this.gender = gender;

this.dob = dob;

this.doj = doj;

this.address = address;

this.standard = standard;

this.fee = fee;

}

public Student() {

super();

// TODO Auto-generated constructor stub

}

@Override

public String toString() {

return "Student [id=" + id + ", name=" + name + ", fname=" + fname + ", lname=" + lname + ", gender=" + gender + ", dob=" + dob + ", doj=" + doj + ", address=" + address + ", standard=" + standard + ", fee=" + fee

+ "]";

}

}

**Subject.java**

package com.learner.demo;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.Table;

@Entity

@Table(name="Subject\_data")

public class Subject {

//public static boolean studentsession=false;

// properties

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="Subject\_id")

private int id;

@Column(name="Subject\_name")

private String subname;

@Column(name="subjectcode")

private String subjectcode;

@Column(name="standard")

private String std;

/\*@OneToMany(mappedBy = "Subject")

Set<classes\_table> class\_table;

public Set<classes\_table> getClass\_table() {

return class\_table;

}

public void setClass\_table(Set<classes\_table> class\_table) {

this.class\_table = class\_table;

}\*/

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public String getSubname() {

return subname;

}

public void setSubname(String subname) {

this.subname = subname;

}

public String getSubjectcode() {

return subjectcode;

}

public void setSubjectcode(String subjectcode) {

this.subjectcode = subjectcode;

}

public String getStd() {

return std;

}

public void setStd(String std) {

this.std = std;

}

public Subject(int id, String subname, String subjectcode, String std) {

super();

this.id = id;

this.subname = subname;

this.subjectcode = subjectcode;

this.std = std;

}

public Subject(String subname, String subjectcode, String std) {

super();

this.subname = subname;

this.subjectcode = subjectcode;

this.std = std;

}

public Subject() {

super();

// TODO Auto-generated constructor stub

}

@Override

public String toString() {

return "Subject [id=" + id + ", subname=" + subname + ", subjectcode=" + subjectcode + ", std=" + std + "]";

}

}

**SubjectLists.java**

package com.learner.demo;

import java.io.IOException;

import java.io.PrintWriter;

import java.util.List;

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 org.hibernate.Session;

import org.hibernate.SessionFactory;

@WebServlet("/viewsubjects")

public class Subjectslist extends HttpServlet{

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

PrintWriter out=resp.getWriter();

try

{

SessionFactory factory =HibernateSessionUtil.getSessionfactory();

Session session=factory.openSession();

resp.setContentType("text/html");

List<Subject> obj = session.createQuery("from Subject").list();

//show data as table.

out.print("<h4 style='text-align:center;'>LIST OF SUBJECTS </h4>");

out.print("<style> table,td,th {" + "border:2px solid ;text-align:center;" + "padding: 10px; " + "}</style>");

out.print("<center><table >");

out.print("<tr>");

out.print("<th> ID</th>"+"<th>SubjectName</th>"+"<th>SubjectCode</th>"+"<th>Standard</th>");

out.print("</tr>");

for(Subject p : obj) {

out.print("<tr>");

out.print("<td>"+p.getId()+"</td>");

out.print("<td>"+p.getSubname()+"</td>");

out.print("<td>"+p.getSubjectcode()+"</td>");

out.print("<td>"+p.getStd()+"</td>");

out.print("</tr>");

}

out.print("</table></center>");

out.print("<a href="+"adminoptions.html"+">Go Back </a>");

session.close();

}

catch (Exception e) {

out.print("<h3 style='color:red'> Hibernate session is failed ! "+e+"</h3>");

}

}

@Override

protected void doPost(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

doGet(req, resp);

}

}

**Teacher.java**

package com.learner.demo;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

//import javax.persistence.ManyToMany;

import javax.persistence.Table;

//import javax.persistence.\*;

@Entity

@Table(name="teacher\_data")

public class teacher {

//public static boolean teachersession=false;

// properties

@Id

@GeneratedValue(strategy=GenerationType.AUTO)

@Column(name="teacher\_id")

private int id;

@Column(name="teacher\_name")

private String tname;

@Column(name="email")

private String email;

@Column(name="password")

private String password;

@Column(name="gender")

private String gender;

@Column(name="d\_of\_birth")

private String dob;

@Column(name="mobile")

private String mobile;

@Column(name="address")

private String address;

@Column(name="Subject")

private String Subject;

public int getId() {

return id;

}

public void setId(int id) {

this.id = id;

}

public String getTname() {

return tname;

}

public void setTname(String tname) {

this.tname = tname;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

public String getGender() {

return gender;

}

public void setGender(String gender) {

this.gender = gender;

}

public String getDob() {

return dob;

}

public void setDob(String dob) {

this.dob = dob;

}

public String getMobile() {

return mobile;

}

public void setMobile(String mobile) {

this.mobile = mobile;

}

public String getAddress() {

return address;

}

public void setAddress(String address) {

this.address = address;

}

public String getSubject() {

return Subject;

}

public void setSubject(String Subject) {

this.Subject = Subject;

}

public teacher(int id, String tname, String email, String password, String gender, String dob, String mobile,

String address, String Subject) {

super();

this.id = id;

this.tname = tname;

this.email = email;

this.password = password;

this.gender = gender;

this.dob = dob;

this.mobile = mobile;

this.address = address;

this.Subject = Subject;

}

public teacher(String tname, String email, String password, String gender, String dob, String mobile, String address,

String Subject) {

super();

this.tname = tname;

this.email = email;

this.password = password;

this.gender = gender;

this.dob = dob;

this.mobile = mobile;

this.address = address;

this.Subject = Subject;

}

public teacher() {

super();

// TODO Auto-generated constructor stub

}

@Override

public String toString() {

return "teacher [id=" + id + ", tname=" + tname + ", email=" + email + ", password=" + password + ", gender="

+ gender + ", dob=" + dob + ", mobile=" + mobile + ", address=" + address + ", Subject=" + Subject + "]";

}

}

**HTML FILES**

**Add classes.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Add Classes</title>

</head>

<body>

<form method="post" action="addclasses" >

<b>New class Information</b> <br><br>

Standard: <input type="text" name="std" id="std"> <br><br>

Time: <input type="text" name="time" id="time"> <br><br>

Teacher\_Id: <input type="text" name="teacher\_id" id="teacher\_id"> <br><br>

Subject\_Id: <input type="text" name="Subject\_id" id="Subject\_id"> <br><br>

<input type="submit" value="Add Class Information"> <br><br>

<a href="adminoptions.html">Go Back</a>

</form>

</body>

</html>

**AddStudent.html**

<!DOCTYPE html>

<html>

<head>

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

<title>ADD STUDENT</title>

</head>

<body>

<form method="post" action="addstudent" >

<b>New Student Information</b> <br><br>

Student Name: <input type="text" name="name" id="name"> <br><br>

First Name: <input type="text" name="fname" id="fname"> <br><br>

Last Name: <input type="text" name="lname" id="lname"> <br><br>

Gender : <input type="text" name="gender" id="gender"> <br><br>

Date of birth(DD/MM/YYYY) : <input type="text" name="dob" id="dob"><br><br>

Date of join(DD/MM/YYYY) : <input type="text" name="doj" id="doj"><br><br>

Address: <input type="text" name="address" id="address"> <br><br>

Standard: <input type="text" name="standard" id="standard"> <br><br>

Fee: <input type="text" name="fee" id="fee"> <br><br>

<input type="submit" value="Add Student"> <br><br>

<a href="adminoptions.html">Go Back</a>

</form>

</body>

</html>

**Add Subject.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Add Subject Information</title>

</head>

<body>

<form method="post" action="addsubject" >

<b>New Subject Information</b> <br><br>

Subject Name: <input type="text" name="subname" id="subname"> <br><br>

Subject Code: <input type="text" name="subjectcode" id="subjectcode"> <br><br>

Standard: <input type="text" name="std" id="std"> <br><br>

<input type="submit" value="Add Subject"> <br><br>

<a href="adminoptions.html">Go Back</a>

</form>

</body>

</html>

**Add Teacher.html**

<!DOCTYPE html>

<html>

<head>

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

<title>ADD TEACHER</title>

</head>

<body>

<form method="post" action="addteacher" >

<b>New Teacher Information</b> <br><br>

Teacher Name: <input type="text" name="tname" id="tname"> <br><br>

Email: <input type="text" name="email" id="email"> <br><br>

Password: <input type="text" name="password" id="password"> <br><br>

Gender : <input type="text" name="gender" id="gender"> <br><br>

Date of birth(DD/MM/YYYY) : <input type="text" name="dob" id="d\_of\_birth"><br><br>

Mobile: <input type="text" name="mobile" id="mobile"> <br><br>

Address: <input type="text" name="address" id="address"> <br><br>

Subject: <input type="text" name="Subject" id="Subject"> <br><br>

<input type="submit" value="Add Teacher"> <br><br>

<a href="adminoptions.html">Go Back</a>

</form>

</body>

</html>

**AdminLogin.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Admin Login</title>

</head>

<body>

<br><br>

<h1 style='text-align:center;color:blue;'> ADMIN LOGIN</h1><br><br>

<center>

<form action="adminlogin" method="post">

Admin Name :<input name="adminname" id="name" type="text" > <br><br>

Password :<input name="password" id="pass" type="password" > <br><br>

<input type="submit" value="Login"> <br><br>

<br>

<a href="index.jsp">Go Back</a>

</form>

</center>

</body>

</html>

**Admin Options.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Admin Options</title>

</head>

<body>

<h3 style='color:green'>Admin Login Successful</h3><br>

<center><h2>Welcome to Admin Dashboard</h2><br><br>

<a href="adminlogout" style="color:red">Logout</a>||

<a href="addteacher.html">Add Teacher</a>||

<a href="addstudent.html">Add Student</a>||

<a href="addsubject.html">Add Subject</a>||

<a href="addclasses.html">Add Classes</a>||

<a href="viewteachers">View Teachers</a>||

<a href="viewstudents">View Students</a>||

<a href="viewsubjects">View Subjects</a>||

<a href="viewclasses">View Classes</a></center>

</body>

</html>

**Index.html**

<!DOCTYPE html>

<html>

<head>

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

<title>Learners Academy</title>

</head>

<body>

<center>

<h2>Welcome to LEARNERS ACADEMY</h2><br><br>

<a href="adminlogin.html">ADMIN Login</a>

</body>

</html>