目录

[CaptchaImageServlet.java 1](#_Toc470741508)

[DeleteServlet.java 5](#_Toc470741509)

[ExamServlet 9](#_Toc470741510)

[LearnServlet.java 13](#_Toc470741511)

[LoginServlet.java 16](#_Toc470741512)

[LogoutServlet.java 20](#_Toc470741513)

[RegisterServlet.java 22](#_Toc470741514)

[ResetPasswordServlet.java 27](#_Toc470741515)

[WatchVideoServlet.java 30](#_Toc470741516)

[about.jsp 34](#_Toc470741517)

[Courses.jsp 49](#_Toc470741518)

[Details.jsp 80](#_Toc470741519)

[Error.jsp 105](#_Toc470741520)

[Exam.jsp 120](#_Toc470741521)

[Index.jsp 143](#_Toc470741522)

[Register.jsp 165](#_Toc470741523)

# CaptchaImageServlet.java

package servlets;  
  
import com.sun.image.codec.jpeg.JPEGCodec;  
import com.sun.image.codec.jpeg.JPEGImageEncoder;  
  
import javax.imageio.ImageIO;  
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 java.awt.Color;  
import java.awt.Graphics;  
import java.awt.image.BufferedImage;  
import java.io.IOException;  
import java.util.Random;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/24.  
 \*/*@WebServlet(name = "CaptchaImageServlet", urlPatterns = {"/CaptchaImageServlet"})  
public class CaptchaImageServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 BufferedImage bi = new BufferedImage(68, 22, BufferedImage.*TYPE\_INT\_RGB*);  
 Graphics g = bi.getGraphics();  
 Color c = new Color(200, 150, 255);  
 g.setColor(c);  
 g.fillRect(0, 0, 68, 22);  
  
 char[] op = "+-".toCharArray();  
 Random r = new Random();  
 int index, len1 = op.length;  
 int result = 0, firstNum = 0, secondNum = 0;  
 char operation = '0';  
 for (int i = 0; i < 4; i++) {  
 if (i != 1) index = r.nextInt(100);  
 else index = r.nextInt(len1);  
  
 g.setColor(new Color(r.nextInt(88), r.nextInt(188), r.nextInt(255)));  
 if (i == 0) {  
 g.drawString(index+"", (i\*15)+3, 18);  
 firstNum = index;  
 }  
 else if (i == 2) {  
 g.drawString(index+"", (i\*15)+3, 18);  
 secondNum = index;  
 }  
 else if (i == 1) {  
 g.drawString(op[index]+"", (i\*15)+3, 18);  
 operation = op[index];  
 }  
 else {  
 g.drawString("=", (i\*15)+3, 18);  
 }  
 }  
  
 if (operation == '+') result = firstNum+secondNum;  
 else if (operation == '-') result = firstNum-secondNum;  
 else if (operation == '\*') result = firstNum\*secondNum;  
 request.getSession().setAttribute("result", result);  
 ImageIO.*write*(bi, "JPG", response.getOutputStream());  
 }  
}

# DeleteServlet.java

package servlets;  
  
import classes.MariaConnection;  
  
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 java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/28.  
 \*/*@WebServlet(name = "DeleteServlet", urlPatterns = {"/DeleteServlet"})  
public class DeleteServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 request.setCharacterEncoding("utf-8");  
 response.setCharacterEncoding("utf-8");  
 response.setContentType("text/plain");  
 PrintWriter out = response.getWriter();  
  
 MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql;  
 String user\_name = (String) request.getSession().getAttribute("user\_name");  
 String course\_name = request.getParameter("course\_name");  
 if(stmt == null) {  
 response.setStatus(403);  
 out.print("Database connect failed");  
 out.flush();  
 out.close();  
 } else {  
 sql = "select \* from user\_rel\_course where user\_name = '" + user\_name + "' and course\_name = '" + course\_name + "'";  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(!rs.next()) {  
 response.setStatus(403);  
 out.print("Course is not in your profile");  
 out.flush();  
 out.close();  
 } else {  
 sql = "delete from user\_rel\_course where user\_name = '" + user\_name + "' and course\_name = '" + course\_name + "'";  
 stmt.execute(sql);  
 out.print("Success");  
 out.flush();  
 out.close();  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

# ExamServlet

package servlets;  
  
import classes.MariaConnection;  
  
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 java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/28.  
 \*/*@WebServlet(name = "ExamServlet", urlPatterns = {"/ExamServlet"})  
public class ExamServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 request.setCharacterEncoding("utf-8");  
 response.setCharacterEncoding("utf-8");  
 response.setContentType("text/html");  
 PrintWriter out = response.getWriter();  
  
 String choice = request.getParameter("choices");  
 String choices[] = choice.split(",");  
 String course\_name = request.getParameter("course\_name");  
 String user\_name = (String) request.getSession().getAttribute("user\_name");  
 MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql;  
 if(stmt == null) {  
 response.setStatus(503);  
 out.print("Database connect failed");  
 out.flush();  
 out.close();  
 } else {  
 sql = "select answer from exam where course\_name = '" + course\_name + "'";  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(rs.next()) {  
 String answer = rs.getString(1);  
 String[] answers = answer.split(",");  
 double each = 0, total = 0;  
 int len = answers.length;  
 each = 100.0 / len;  
 for(int i = 0; i < len; ++i) {  
 if(answers[i].equals(choices[i])) {  
 total += each;  
 }  
 }  
 sql = "update user\_rel\_course set score = " + Double.*toString*(total) + " where course\_name = '" + course\_name + "' and user\_name = '" + user\_name + "'";  
 stmt.execute(sql);  
 out.print("Success");  
 out.flush();  
 out.close();  
 } else {  
 response.setStatus(403);  
 out.print("Something is wrong");  
 out.flush();  
 out.close();  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

# LearnServlet.java

package servlets;  
  
import classes.MariaConnection;  
  
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;  
import java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/27.  
 \*/*@WebServlet(name = "LearnServlet", urlPatterns = {"/LearnServlet"})  
public class LearnServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 request.setCharacterEncoding("utf-8");  
 response.setCharacterEncoding("utf-8");  
 response.setContentType("text/plain");  
 PrintWriter out = response.getWriter();  
  
  
 MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql;  
 String user\_name = (String) request.getSession().getAttribute("user\_name");  
 String course\_name = request.getParameter("course\_name");  
 if(stmt == null) {  
 response.setStatus(503);  
 out.print("Database connect failed");  
 out.flush();  
 out.close();  
 } else {  
 sql = "select \* from user\_rel\_course where user\_name = '" + user\_name + "' and course\_name = '" + course\_name + "'";  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(rs.next()) {  
 response.setStatus(503);  
 out.print("Course already added before");  
 out.flush();  
 out.close();  
 } else {  
 sql = "insert into user\_rel\_course set user\_name = '" + user\_name + "' , course\_name = '" + course\_name + "', learned = 0";  
 stmt.execute(sql);  
 out.print("Success");  
 out.flush();  
 out.close();  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

# LoginServlet.java

package servlets;  
  
import classes.MariaConnection;  
  
import javax.jms.Session;  
import javax.servlet.ServletException;  
import javax.servlet.annotation.WebServlet;  
import javax.servlet.http.\*;  
import java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/26.  
 \*/*@WebServlet(name = "LoginServlet", urlPatterns = {"/LoginServlet"})  
public class LoginServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 request.setCharacterEncoding("utf-8");  
 response.setCharacterEncoding("utf-8");  
 response.setContentType("text/plain");  
 PrintWriter out = response.getWriter();  
  
 String user\_name = request.getParameter("user\_name");  
 String password = request.getParameter("password");  
  
 MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql;  
  
 if(stmt == null) {  
 response.setStatus(503);  
 out.print("Database connect failed");  
 out.flush();  
 out.close();  
 } else {  
 sql = "select \* from user where user\_name = '" + user\_name + "' and password = '" + password + "'";  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(rs.next()) {  
 HttpSession ss = request.getSession();  
 ss.setAttribute("user\_name", user\_name);  
 ss.setMaxInactiveInterval(100000);  
 out.print(ss.getId());  
 out.flush();  
 out.close();  
 } else {  
 response.setStatus(403);  
 out.print("User name or Password is wrong");  
 out.flush();  
 out.close();  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
  
 }  
  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

# LogoutServlet.java

package servlets;  
  
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 java.io.IOException;  
import java.io.PrintWriter;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/27.  
 \*/*@WebServlet(name = "LogoutServlet", urlPatterns = {"/LogoutServlet"})  
public class LogoutServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 request.setCharacterEncoding("utf-8");  
 response.setCharacterEncoding("utf-8");  
 response.setContentType("text/plain");  
 PrintWriter out = response.getWriter();  
 request.getSession().removeAttribute("user\_name");  
 out.print("success");  
 out.flush();  
 out.close();  
 }  
  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

# RegisterServlet.java

package servlets;  
  
import classes.MariaConnection;  
  
import javax.jms.Session;  
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;  
import java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.Connection;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/26.  
 \*/*@WebServlet(name = "RegisterServlet", urlPatterns = {"/RegisterServlet"})  
public class RegisterServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 request.setCharacterEncoding("utf-8");  
 response.setCharacterEncoding("utf-8");  
 response.setContentType("text/html");  
 PrintWriter out = response.getWriter();  
  
 String user\_name = request.getParameter("user\_name");  
 String password = request.getParameter("password");  
 String email\_id = request.getParameter("email\_id");  
 String confirm = request.getParameter("confirm");  
 String captcha = request.getParameter("captcha");  
 String phone\_number = request.getParameter("phone\_number");  
 String birthday = request.getParameter("birthday");  
 String country = request.getParameter("country");  
  
 MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql;  
  
 int answer = (int)request.getSession().getAttribute("result");  
 int input = Integer.*parseInt*(captcha);  
  
 if(input != answer) {  
 response.setStatus(403);  
 out.print("captcha");  
 out.flush();  
 out.close();  
 return ;  
 }  
  
 if(stmt == null) {  
 response.setStatus(503);  
 out.print("Database connect failed");  
 out.flush();  
 out.close();  
 } else {  
 sql = "select \* from user where user\_name = '" + user\_name + "'";  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(rs.next()) {  
 response.setStatus(403);  
 out.print("user\_name");  
 out.flush();  
 out.close();  
 } else {  
 sql = "insert into user set ";  
 sql += "user\_name = '" + user\_name + "',";  
 sql += "password = '" + password + "',";  
 sql += "email\_id = '" + email\_id + "',";  
 sql += "phone\_number = '" + phone\_number + "',";  
 sql += "birthday = '" + birthday + "',";  
 sql += "country = '" + country + "'";  
 stmt.executeUpdate(sql);  
 request.getSession().setAttribute("user\_name", user\_name);  
 out.print("Success");  
 out.flush();  
 out.close();  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
  
 }  
  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

# ResetPasswordServlet.java

package servlets;  
  
import classes.MariaConnection;  
  
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 java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/28.  
 \*/*@WebServlet(name = "ResetPasswordServlet", urlPatterns = {"/ResetPasswordServlet"})  
public class ResetPasswordServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 request.setCharacterEncoding("utf-8");  
 response.setCharacterEncoding("utf-8");  
 response.setContentType("text/plain");  
 PrintWriter out = response.getWriter();  
  
 MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql;  
 String user\_name = (String) request.getSession().getAttribute("user\_name");  
 String old\_password = request.getParameter("old\_password");  
 String new\_password = request.getParameter("new\_password");  
 if(stmt == null) {  
 response.setStatus(403);  
 out.print("Database connect failed");  
 out.flush();  
 out.close();  
 } else {  
 sql = "select \* from user where user\_name = '" + user\_name + "' and password = '" + old\_password + "'";  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(!rs.next()) {  
 response.setStatus(403);  
 out.print("Old password is incorrect");  
 out.flush();  
 out.close();  
 } else {  
 sql = "update user set password = '" + new\_password + "' where user\_name = '" + user\_name + "' and password = '" + old\_password + "'";  
 stmt.execute(sql);  
 out.print("Success");  
 out.flush();  
 out.close();  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
 }  
  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

# WatchVideoServlet.java

package servlets;  
  
import classes.MariaConnection;  
  
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 java.io.IOException;  
import java.io.PrintWriter;  
import java.sql.ResultSet;  
import java.sql.SQLException;  
import java.sql.Statement;  
  
*/\*\*  
 \* Created by cfenglv on 2016/12/28.  
 \*/*@WebServlet(name = "WatchVideoServlet", urlPatterns = {"/WatchVideoServlet"})  
public class WatchVideoServlet extends HttpServlet {  
 protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
 request.setCharacterEncoding("utf-8");  
 response.setCharacterEncoding("utf-8");  
 response.setContentType("text/plain");  
 PrintWriter out = response.getWriter();  
  
 MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql;  
 String user\_name = (String) request.getSession().getAttribute("user\_name");  
 String course\_name = request.getParameter("course\_name");  
 course\_name = course\_name.replace("Sharp", "#");  
 course\_name = course\_name.replace("dot", ".");  
 course\_name = course\_name.replace("Cpp", "C++");  
 if(stmt == null) {  
 response.setStatus(403);  
 out.print("Database connect failed");  
 out.flush();  
 out.close();  
 } else {  
 sql = "update user\_rel\_course set learned = learned + 1 where user\_name = '" + user\_name + "' and course\_name = '" + course\_name + "'";  
 try {  
 stmt.executeQuery(sql);  
 out.print("Success");  
 out.flush();  
 out.close();  
 } catch (SQLException e) {  
 e.printStackTrace();  
 response.setStatus(403);  
 out.print("Error");  
 out.flush();  
 out.close();  
 }  
 }  
 }  
  
 protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {  
  
 }  
}

# about.jsp

<%--  
 Created by IntelliJ IDEA.  
 User: cfenglv  
 Date: 2016/12/27  
 Time: 13:39  
 To change this template use File | Settings | File Templates.  
--%>  
<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html ng-app="myapp">  
 <head>  
 <meta charset="utf-8"/>  
 <!--字符集-->  
 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no">  
 <!--自适应-->  
 <meta http-equiv="X-UA-Compatible" content="IE=edge">  
 <!--以最高级别的可用模式显示内容-->  
 <meta http-equiv="Pragma" content="No-cach">  
 <!--不缓存，不能脱机浏览-->  
 <meta name="renderer" content="webkit">  
 <!--极速核-->  
 <meta http-equiv="Cache-Control" content="no-transform"/>  
 <!--防止搜索引擎转码-->  
 <meta http-equiv="Cache-Control" content="no-siteapp"/>  
 <!--防止搜索引擎转码-->  
 <link rel="stylesheet" href="components/css/bootstrap.min.css">  
 <link rel="stylesheet" href="components/css/flat-ui-pro.min.css">  
 <link rel="stylesheet" href="components/css/details.css">  
 <title>About - Learninglight</title>  
 <style>  
 html, body {  
 margin: 0;  
 padding: 0;  
 }  
 \* {  
 box-sizing: border-box;  
 }  
 .input-group {  
 width: 100%;  
 margin: 10px;  
 }  
 </style>  
 </head>  
 <body ng-controller="Ctrl">  
 <div id="wapper"> <div id="main-content">  
 <!-- 导航栏 -->  
 <div class="container">  
 <div class="navbar navbar-default navbar-fixed-top" role="navigation">  
 <div class="navbar-header">  
 <a href="**<%=**request.getContextPath()**%>**/index.jsp" class="navbar-brand">Learninglight</a>  
 </div>  
 <ul class="nav navbar-nav">  
 <li><a href="**<%=**request.getContextPath()**%>**/courses.jsp">Courses</a></li>  
 <li><a href="**<%=**request.getContextPath()**%>**/about.jsp">About</a></li>  
 </ul>  
 <ul class="nav navbar-nav navbar-right">  
 <li id="navLogin">  
 <a ng-hide="login\_status" href="#loginModal" data-toggle="modal"><span class="fui-exit"></span> LOGIN</a>  
 <a ng-show="login\_status" href="#" class="dropdown-toggle" data-toggle="dropdown"><span class="fui-home"></span> {{login\_name}} <b class="caret"></b></a>  
 <ul class="dropdown-menu">  
 <li><a href="#resetModal" data-toggle="modal"><span class="glyphicon glyphicon-refresh"></span> Reset password</a></li>  
 <li class="divider"></li>  
 <li><a href="#" ng-click="logout()"><span class="fui-exit"></span> Log out</a></li>  
 </ul>  
 </li>  
 <li><a href="**<%=**request.getContextPath()**%>**/register.jsp" target="\_blank"><span class="fui-user"></span> REGISTER</a></li>  
 </ul>  
 </div>  
 </div>  
  
 <!-- login modal -->  
 <div class="container">  
 <form id="loginModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="loginModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="loginModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-user"></i>  
 </span>  
 <input ng-model="user\_name" class="form-control" id="user\_name" type="text" name="user\_name" placeholder="User Name" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="password" class="form-control" id="password" type="password" name="password" placeholder="Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="login()">Login now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- reset modal -->  
 <div class="container">  
 <form id="resetModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="resetModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="resetModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="old\_password" class="form-control" id="old\_password" type="text" name="old\_password" placeholder="Old Password" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="glyphicon glyphicon-refresh"></i>  
 </span>  
 <input ng-model="new\_password" class="form-control" id="new\_password" type="password" name="new\_password" placeholder="New Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="reset\_wrong" class="alert alert-danger text-left">  
 <strong>{{reset\_message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="resetPassword()">Reset now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <div class="container" style="padding-top: 100px">  
 <div class="row">  
 <div class="col-lg-10 col-lg-offset-2">  
 <section>  
 <h1>About us</h1>  
 <p>Learninglight Virtual Academy was founded in 2008 for providing online IT training in China. This is an online tutorial System for coding developed using MVC model. You can learn by watching video and take an exam here. Enjoy~</p>  
 </section>  
 </div>  
 </div>  
 </div>  
 </div>  
 <footer id="footer">  
 <div class="mtl navbar-bottom" style="padding-left: 0;padding-right: 0;">  
 <div class="bottom-menu">  
 <div class="container">  
 <div class="row">  
 <div class="text-center">  
 <span class="glyphicon glyphicon-copyright-mark"></span>2008 Learninglight Virtual Academy  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </footer>  
 </div>  
 <script src="components/js/vendor/jquery.min.js" type="text/javascript"></script>  
 <script src="components/js/vendor/video.js" type="text/javascript"></script>  
 <script src="components/js/flat-ui-pro.min.js" type="text/javascript"></script>  
 <script src="components/js/angular.min.js" type="text/javascript"></script>  
 <script type="text/javascript">  
 // AngularJs code  
 **var** app = angular.*module*('myapp', []);  
 app.controller('Ctrl', **function**($scope, $http) {  
 $scope.wrong = **false**;  
 $scope.user\_name = "";  
 $scope.password = "";  
 $scope.message = "";  
 $scope.old\_password = "";  
 $scope.new\_password = "";  
 **<%** if (session.getAttribute("user\_name") == null) { **%>** $scope.login\_status = **false**;  
 **<%** } else { **%>** $scope.login\_status = **true**;  
 $scope.login\_name = '**<%=**session.getAttribute("user\_name")**%>**';  
 **<%** } **%>** $scope.login = **function**() {  
 $http({  
 method: 'post',  
 url: '/LoginServlet',  
 params: {user\_name:$scope.user\_name, password:$scope.password}  
 }).then(**function** successCallback(response) {  
 $scope.wrong = **false**;  
 $scope.success = **false**;  
 $scope.login\_name = $scope.user\_name;  
 $scope.login\_status = **true**;  
 $("#loginModal").modal('hide');  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.message = response.data;  
 $scope.wrong = **true**;  
 });  
 }  
 $scope.logout = **function**() {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 }, **function** errorCallback(response) {  
  
 });  
 }  
 $scope.resetPassword = **function**() {  
 $http({  
 method: 'post',  
 url: '/ResetPasswordServlet',  
 params: {old\_password:$scope.old\_password, new\_password:$scope.new\_password}  
 }).then(**function** successCallback(response) {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 window.location.href = "index.jsp";  
 }, **function** errorCallback(response) {  
 });  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.reset\_message = response.data;  
 $scope.reset\_wrong = **true**;  
 });  
 }  
 });  
 </script>  
 </body>  
</html>

# Courses.jsp

<%@ **page** import="classes.MariaConnection" %>  
<%@ **page** import="java.sql.Statement" %>  
<%@ **page** import="java.sql.ResultSet" %>  
<%@ **page** import="java.sql.SQLException" %>  
<%@ **page** import="java.util.ArrayList" %>  
<%@ **page** import="classes.CourseInfo" %><%--  
 Created by IntelliJ IDEA.  
 User: cfenglv  
 Date: 2016/12/26  
 Time: 17:40  
 To change this template use File | Settings | File Templates.  
--%>  
<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html ng-app="myapp">  
<head>  
 <meta charset="utf-8"/>  
 <!--字符集-->  
 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no">  
 <!--自适应-->  
 <meta http-equiv="X-UA-Compatible" content="IE=edge">  
 <!--以最高级别的可用模式显示内容-->  
 <meta http-equiv="Pragma" content="No-cach">  
 <!--不缓存，不能脱机浏览-->  
 <meta name="renderer" content="webkit">  
 <!--极速核-->  
 <meta http-equiv="Cache-Control" content="no-transform"/>  
 <!--防止搜索引擎转码-->  
 <meta http-equiv="Cache-Control" content="no-siteapp"/>  
 <!--防止搜索引擎转码-->  
 <title>Courses - Learninglight</title>  
  
 <link rel="stylesheet" href="components/css/bootstrap.min.css">  
 <link rel="stylesheet" href="components/css/flat-ui-pro.min.css">  
 <link rel="stylesheet" href="components/css/details.css">  
  
 <style>  
 html, body {  
 margin: 0;  
 padding: 0;  
 }  
 \* {  
 box-sizing: border-box;  
 }  
 .input-group {  
 width: 100%;  
 margin: 10px;  
 }  
  
 .popover-inner{  
 padding-left: 0;  
 padding-right: 0;  
 }  
 </style>  
</head>  
 <body ng-controller="Ctrl">  
 <!-- 导航栏 -->  
 <div id="wapper"> <div id="main-content">  
 <div class="container">  
 <div class="navbar navbar-default navbar-fixed-top" role="navigation">  
 <div class="navbar-header">  
 <a href="**<%=**request.getContextPath()**%>**/index.jsp" class="navbar-brand">Learninglight</a>  
 </div>  
 <ul class="nav navbar-nav">  
 <li><a href="**<%=**request.getContextPath()**%>**/courses.jsp">Courses</a></li>  
 <li><a href="**<%=**request.getContextPath()**%>**/about.jsp">About</a></li>  
 </ul>  
 <ul class="nav navbar-nav navbar-right">  
 <li id="navLogin">  
 <a ng-hide="login\_status" href="#loginModal" data-toggle="modal"><span class="fui-exit"></span> LOGIN</a>  
 <a ng-show="login\_status" href="#" class="dropdown-toggle" data-toggle="dropdown"><span class="fui-home"></span> {{login\_name}} <b class="caret"></b></a>  
 <ul class="dropdown-menu">  
 <li><a href="#resetModal" data-toggle="modal"><span class="glyphicon glyphicon-refresh"></span> Reset password</a></li>  
 <li class="divider"></li>  
 <li><a href="#" ng-click="logout()"><span class="fui-exit"></span> Log out</a></li>  
 </ul>  
 </li>  
 <li><a href="**<%=**request.getContextPath()**%>**/register.jsp" target="\_blank"><span class="fui-user"></span> REGISTER</a></li>  
 </ul>  
 </div>  
 </div>  
  
 <!-- login modal -->  
 <div class="container">  
 <form id="loginModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="loginModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="loginModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-user"></i>  
 </span>  
 <input ng-model="user\_name" class="form-control" id="user\_name" type="text" name="user\_name" placeholder="User Name" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="password" class="form-control" id="password" type="password" name="password" placeholder="Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="login()">Login now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- reset modal -->  
 <div class="container">  
 <form id="resetModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="resetModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="resetModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="old\_password" class="form-control" id="old\_password" type="text" name="old\_password" placeholder="Old Password" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="glyphicon glyphicon-refresh"></i>  
 </span>  
 <input ng-model="new\_password" class="form-control" id="new\_password" type="password" name="new\_password" placeholder="New Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="reset\_wrong" class="alert alert-danger text-left">  
 <strong>{{reset\_message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="resetPassword()">Reset now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- exam modal -->  
 <div class="container">  
 <form id="examModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="examModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="examModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
  
 </div>  
 <div class="modal-footer">  
 <div ng-show="exam\_wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="exam()">Login now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
  
  
 <div class="container" style="padding-top: 100px">  
 <div class="row" style="padding-left:0;padding-right:0">  
 <div>  
 <div ng-show="learn\_wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div ng-show="learn\_success" class="alert alert-success text-left">  
 <strong>{{message}}</strong>  
 </div>  
 </div>  
 <div class="col-md-12">  
 <div class="tabbable">  
 <ul id="myTab" class="nav nav-tabs nav-append-content">  
 <li class="active"><a href="#all" data-toggle="tab">All</a></li>  
 <%--<li><a href="#Learning" data-toggle="tab">Learning</a></li>--%>  
 <li><a href="#completed" data-toggle="tab">Completed</a></li>  
 </ul>  
 <div id="myTabContent" class="tab-content">  
 <div class="tab-pane fade in active" id="all">  
 <div class="row">  
 **<%** MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql = "select \* from course";  
 if(stmt == null) {  
 pageContext.forward("error.jsp");  
 return;  
 } else {  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 while(rs.next()) {  
 String course\_name = rs.getString(1);  
 String file\_name = course\_name.replace("#", "Sharp");  
 String url\_name = file\_name;  
 url\_name = url\_name.replace("+", "p");  
 String id\_name = url\_name.replace(".", "dot");  
 String course\_intro = rs.getString(3);  
 **%>** <div class="col-sm-6 col-md-3">  
 <div class="thumbnail" style="padding-bottom: 0;min-height: 248px" >  
 <a href="details.jsp?course\_name=**<%=**url\_name**%>**"><img src="components/img/**<%=**file\_name**%>**.jpg" alt="**<%=**course\_name**%>**" style="min-height:120px"></a>  
 <div class="caption" style="padding-top: 0">  
 <a href="details.jsp?course\_name=**<%=**url\_name**%>**">  
 <h3 style="padding-top: 5px;margin-top: 5px" class="text-center">**<%=**course\_name**%>**</h3>  
 </a>  
 <p class="text-center">  
 <div class="row text-center">  
 <div style="padding-bottom: 5px">  
 <a id="**<%=**id\_name**%>**-add" uib-popover="**<%=**course\_intro**%>**" ng-click="addCourse('**<%=**course\_name**%>**','#**<%=**id\_name**%>**-add')"  
 popover-title="Course Introduction" popover-trigger="'mouseenter'"  
 popover-append-to-body="true" popover-animation="true" class="btn btn-primary">  
 Add to profile  
 </a>  
 </div>  
 <div>  
 <a id="**<%=**id\_name**%>**-del" uib-popover="**<%=**course\_intro**%>**" ng-click="deleteCourse('**<%=**course\_name**%>**','#**<%=**id\_name**%>**-del')"  
 popover-title="Course Introduction" popover-trigger="'mouseenter'"  
 popover-append-to-body="true" popover-animation="true" class="btn btn-primary">  
 Delete from profile  
 </a>  
 </div>  
 </div>  
 </p>  
 </div>  
 </div>  
 </div>  
 **<%** }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
 **%>** </div>  
 </div>  
 **<%** sql = "select user\_rel\_course.course\_name, learned, course\_number, course\_list, score " +  
 "from user\_rel\_course left join course on user\_rel\_course.course\_name = course.course\_name" +  
 " where user\_name = '" + session.getAttribute("user\_name") + "'";  
 ArrayList<CourseInfo> array = new ArrayList<>();  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 while(rs.next()) {  
 array.add(new CourseInfo(rs.getString(1), rs.getString(2), rs.getString(3), rs.getString(4), rs.getString(5)));  
 }  
 }catch (SQLException e) {  
 e.printStackTrace();  
 }  
 **%>** <div class="tab-pane fade" id="completed">  
 <div class="row">  
 **<%** int len = array.size();  
 for(CourseInfo tmp : array) {  
 if(tmp.check()) {  
 String course\_name = tmp.getCourse\_name();  
 String file\_name = course\_name.replace("#", "Sharp");  
 String url\_name = file\_name;  
 url\_name = url\_name.replace("+", "p");  
 **%>** <div class="col-sm-6 col-md-3">  
 <div class="thumbnail" style="padding-bottom: 0;min-height: 248px" >  
 <a href="details.jsp?course\_name=**<%=**url\_name**%>**"><img src="components/img/**<%=**file\_name**%>**.jpg" alt="**<%=**course\_name**%>**" style="min-height:120px"></a>  
 <div class="caption" style="padding-top: 0">  
 <a href="details.jsp?course\_name=**<%=**url\_name**%>**">  
 <h3 style="padding-top: 5px;margin-top: 5px" class="text-center">**<%=**course\_name**%>**</h3>  
 </a>  
 <p class="text-center">  
 **<%** if(tmp.getScore() < 0) { **%>** <a class="btn btn-primary" href="**<%=**request.getContextPath()**%>**/exam.jsp?course\_name=**<%=**url\_name**%>**">  
 Take the exam  
 </a>  
 **<%** } else { **%>** <a class="btn btn-info">  
 Score:**<%=**String.format("%.2f", tmp.getScore())**%>** </a>  
 **<%**}**%>** </p>  
 </div>  
 </div>  
 </div>  
 **<%** }  
 }  
 **%>** </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 </div>  
 </div>  
 </div>  
 <footer id="footer">  
 <div class="mtl navbar-bottom" style="padding-left: 0;padding-right: 0;">  
 <div class="bottom-menu">  
 <div class="container">  
 <div class="row">  
 <div class="text-center">  
 <span class="glyphicon glyphicon-copyright-mark"></span>2008 Learninglight Virtual Academy  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </footer>  
 </div>  
 <script src="components/js/vendor/jquery.min.js" type="text/javascript"></script>  
 <script src="components/js/vendor/video.js" type="text/javascript"></script>  
 <script src="components/js/flat-ui-pro.min.js" type="text/javascript"></script>  
 <script src="components/js/angular.min.js" type="text/javascript"></script>  
 <script src="components/js/ui-bootstrap-tpls-2.3.1.min.js" type="text/javascript"></script>  
 <script type="text/javascript">  
  
 //tab activate  
 $('#myTab a').click(**function** (e) {  
 e.preventDefault();  
 $(**this**).tab('show');  
 })  
  
 // AngularJs code  
 **var** app = angular.module('myapp', ['ui.bootstrap']);  
 app.controller('Ctrl', **function**($scope, $http) {  
 $scope.wrong = **false**;  
 $scope.user\_name = "";  
 $scope.password = "";  
 $scope.message = "";  
 $scope.old\_password = "";  
 $scope.new\_password = "";  
 $scope.learn\_wrong = **false**;  
 $scope.learn\_success = **false**;  
 **<%** if (session.getAttribute("user\_name") == null) { **%>** $scope.login\_status = **false**;  
 **<%** } else { **%>** $scope.login\_status = **true**;  
 $scope.login\_name = '**<%=**session.getAttribute("user\_name")**%>**';  
 **<%** } **%>  
 <%** String back = request.getParameter("back");  
 String exam\_back = request.getParameter("exam\_back");  
 String course\_back = request.getParameter("exam\_back");  
 String user\_back = request.getParameter("user\_back");  
 String already\_back = request.getParameter("already\_back");  
 if(back != null && back.equals("1")) { **%>** $scope.message = "This course is not in your profile, you can't learn it.";  
 $scope.learn\_wrong = **true**;  
 **<%**} else if(exam\_back != null && exam\_back.equals("1")) { **%>** $scope.message = "This course is not completed yet, you can't take this exam.";  
 $scope.learn\_wrong = **true**;  
 **<%**} else if(course\_back != null && course\_back.equals("1")) { **%>** $scope.message = "This course is not existed.";  
 $scope.learn\_wrong = **true**;  
 **<%**} else if(user\_back != null && user\_back.equals("1")) { **%>** $scope.message = "You haven't login yet.";  
 $scope.learn\_wrong = **true**;  
 **<%**} else if(already\_back != null && already\_back.equals("1")) { **%>** $scope.message = "You have taken the exam already.";  
 $scope.learn\_wrong = **true**;  
 **<%**}**%>** $scope.login = **function**() {  
 $http({  
 method: 'post',  
 url: '/LoginServlet',  
 params: {user\_name:$scope.user\_name, password:$scope.password}  
 }).then(**function** successCallback(response) {  
 window.location.href = '**<%=**request.getContextPath()**%>**/courses.jsp';  
 $("#loginModal").modal('hide');  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.message = response.data;  
 $scope.wrong = **true**;  
 });  
 }  
 $scope.logout = **function**() {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 }, **function** errorCallback(response) {  
  
 });  
 }  
 $scope.addCourse = **function**(obj, id) {  
 $http({  
 method: 'post',  
 url: '/LearnServlet',  
 params: {course\_name:obj}  
 }).then(**function** successCallback(response) {  
 $scope.learn\_wrong = **false**;  
 $scope.message = "Course added to profile";  
 $scope.learn\_success = **true**;  
 $(id).removeClass().addClass('btn btn-success');  
 }, **function** errorCallback(response) {  
 $scope.learn\_success = **false**;  
 $scope.message = response.data;  
 $scope.learn\_wrong = **true**;  
 $(id).removeClass().addClass('btn btn-danger');  
 });  
 }  
 $scope.deleteCourse = **function**(obj, id) {  
 $http({  
 method: 'post',  
 url: '/DeleteServlet',  
 params: {course\_name:obj}  
 }).then(**function** successCallback(response) {  
 $scope.learn\_wrong = **false**;  
 $scope.message = "Course deleted from profile";  
 $scope.learn\_success = **true**;  
 $(id).removeClass().addClass('btn btn-success');  
 }, **function** errorCallback(response) {  
 $scope.learn\_success = **false**;  
 $scope.message = response.data;  
 $scope.learn\_wrong = **true**;  
 $(id).removeClass().addClass('btn btn-danger');  
 });  
 }  
 $scope.resetPassword = **function**() {  
 $http({  
 method: 'post',  
 url: '/ResetPasswordServlet',  
 params: {old\_password:$scope.old\_password, new\_password:$scope.new\_password}  
 }).then(**function** successCallback(response) {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 window.location.href = "index.jsp";  
 }, **function** errorCallback(response) {  
 });  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.reset\_message = response.data;  
 $scope.reset\_wrong = **true**;  
 });  
 }  
 });  
 </script>  
 </body>  
</html>

# Details.jsp

<%@ **page** import="classes.MariaConnection" %>  
<%@ **page** import="java.sql.Statement" %>  
<%@ **page** import="java.sql.ResultSet" %>  
<%@ **page** import="java.sql.SQLException" %><%--  
 Created by IntelliJ IDEA.  
 User: cfenglv  
 Date: 2016/12/26  
 Time: 21:58  
 To change this template use File | Settings | File Templates.  
--%>  
<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html ng-app="myapp">  
 <head>  
 <meta charset="utf-8"/>  
 <!--字符集-->  
 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no">  
 <!--自适应-->  
 <meta http-equiv="X-UA-Compatible" content="IE=edge">  
 <!--以最高级别的可用模式显示内容-->  
 <meta http-equiv="Pragma" content="No-cach">  
 <!--不缓存，不能脱机浏览-->  
 <meta name="renderer" content="webkit">  
 <!--极速核-->  
 <meta http-equiv="Cache-Control" content="no-transform"/>  
 <!--防止搜索引擎转码-->  
 <meta http-equiv="Cache-Control" content="no-siteapp"/>  
 <!--防止搜索引擎转码-->  
 <link rel="stylesheet" href="components/css/bootstrap.min.css">  
 <link rel="stylesheet" href="components/css/flat-ui-pro.min.css">  
 <link rel="stylesheet" href="components/css/details.css">  
 **<%** request.setCharacterEncoding("utf-8");  
 String user\_name = (String)request.getSession().getAttribute("user\_name");  
 String course\_name = request.getParameter("course\_name");  
 if(user\_name == null) {  
 response.sendRedirect("courses.jsp?user\_back=1");  
 return ;  
 }  
 if(course\_name == null || course\_name == "") {  
 response.sendRedirect("courses.jsp?back=1");  
 return ;  
 }  
 String id\_name = course\_name;  
 id\_name = id\_name.replace("#", "Sharp");  
 id\_name = id\_name.replace(".", "dot");  
 course\_name = course\_name.replace("Sharp", "#");  
 course\_name = course\_name.replace("Cpp", "C++");  
 **%>** <title>**<%=**course\_name**%>** details - Learninglight</title>  
 <style>  
 /\*html, body {\*/  
 /\*margin: 0;\*/  
 /\*padding: 0;\*/  
 /\*}\*/  
 \* {  
 box-sizing: border-box;  
 }  
 .input-group {  
 width: 100%;  
 margin: 10px;  
 }  
 </style>  
 </head>  
 <body ng-controller="Ctrl">  
 <div id="wapper"> <div id="main-content">  
 <!-- 导航栏 -->  
 <div class="container">  
 <div class="navbar navbar-default navbar-fixed-top" role="navigation">  
 <div class="navbar-header">  
 <a href="**<%=**request.getContextPath()**%>**/index.jsp" class="navbar-brand">Learninglight</a>  
 </div>  
 <ul class="nav navbar-nav">  
 <li><a href="**<%=**request.getContextPath()**%>**/courses.jsp">Courses</a></li>  
 <li><a href="**<%=**request.getContextPath()**%>**/about.jsp">About</a></li>  
 </ul>  
 <ul class="nav navbar-nav navbar-right">  
 <li id="navLogin">  
 <a ng-hide="login\_status" href="#loginModal" data-toggle="modal"><span class="fui-exit"></span> LOGIN</a>  
 <a ng-show="login\_status" href="#" class="dropdown-toggle" data-toggle="dropdown"><span class="fui-home"></span> {{login\_name}} <b class="caret"></b></a>  
 <ul class="dropdown-menu">  
 <li><a href="#resetModal" data-toggle="modal"><span class="glyphicon glyphicon-refresh"></span> Reset password</a></li>  
 <li class="divider"></li>  
 <li><a href="#" ng-click="logout()"><span class="fui-exit"></span> Log out</a></li>  
 </ul>  
 </li>  
 <li><a href="**<%=**request.getContextPath()**%>**/register.jsp" target="\_blank"><span class="fui-user"></span> REGISTER</a></li>  
 </ul>  
 </div>  
 </div>  
  
 <!-- login modal -->  
 <div class="container">  
 <form id="loginModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="loginModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="loginModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-user"></i>  
 </span>  
 <input ng-model="user\_name" class="form-control" id="user\_name" type="text" name="user\_name" placeholder="User Name" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="password" class="form-control" id="password" type="password" name="password" placeholder="Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="login()">Login now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- reset modal -->  
 <div class="container">  
 <form id="resetModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="resetModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="resetModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="old\_password" class="form-control" id="old\_password" type="text" name="old\_password" placeholder="Old Password" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="glyphicon glyphicon-refresh"></i>  
 </span>  
 <input ng-model="new\_password" class="form-control" id="new\_password" type="password" name="new\_password" placeholder="New Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="reset\_wrong" class="alert alert-danger text-left">  
 <strong>{{reset\_message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="resetPassword()">Reset now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 **<%** MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 if(session.getAttribute("user\_name") == null || course\_name == null) {  
 pageContext.forward("courses.jsp");  
// out.print(1);  
 return;  
 }  
 if(stmt == null) {  
 pageContext.forward("error.jsp");  
// out.print(2);  
 return;  
 }  
 String file\_name = course\_name.replace("#", "Sharp");  
 String sql = "select \* from course where course\_name = '" + course\_name + "'";  
 String course\_num = "", course\_intro = "";  
 String[] course\_list = {};  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(rs.next()) {  
 course\_num = rs.getString(2);  
 course\_intro = rs.getString(3);  
 course\_list = rs.getString(4).split(",");  
 } else {  
 pageContext.forward("error.jsp");  
// out.print(sql);  
 return ;  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 pageContext.forward("error.jsp");  
// out.print(4);  
 return ;  
 }  
 sql = "select learned from user\_rel\_course where user\_name = '" + user\_name + "' and course\_name = '" + course\_name + "'";  
 String learned = "0";  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(rs.next()) {  
 learned = rs.getString(1);  
 } else {  
 response.sendRedirect("courses.jsp?back=1");  
// pageContext.forward("");  
 return;  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 pageContext.forward("error.jsp");  
// out.print(5);  
 return;  
 }  
 **%>** <div class="container" style="padding-top: 100px">  
 <div class="row">  
 <div class="col-md-12">  
 <div class="panel panel-default">  
 <div class="panel-body">  
 <div>  
 <img src="components/img/**<%=**file\_name**%>**.jpg" alt="**<%=**course\_name**%>**" style="float: left;margin-right: 10px">  
 <div style="float: left">  
 <h3 style="margin-top: 0">**<%=**course\_name**%>**</h3>  
 <p>  
 <span class="label label-info" style="font-size: 16px">Number of courses: **<%=**course\_num**%>**</span>  
 <span style="margin: 10px 10px 10px 10px"></span>  
 <span class="label label-success" style="font-size: 16px">Number of courses have learned: {{learned\_cnt}}</span>  
 </p>  
 </div>  
 </div>  
 <div class="clearfix divider-lg" style="padding-bottom: 30px"></div>  
 <blockquote>  
 <p>**<%=**course\_intro**%>**</p>  
 </blockquote>  
 </div>  
 </div>  
 <div class="panel panel-default">  
 <div class="panel-body">  
 <div class="divider-lg"></div>  
 <div class="text-center" style="font-size: 40px">  
 <strong>Course</strong>  
 </div>  
 <div ng-show="video\_wrong" class="alert alert-danger text-center">  
 <strong>{{video\_message}}</strong>  
 </div>  
 <div class="row">  
 **<%** int len = course\_list.length;  
 for(int i = 0; i < len; ++i) { **%>** <div class="col-md-4">  
 <div class="callout callout-info" style="padding: 16px;margin: 10px">  
 <a ng-click="watch('**<%=**i**%>**')">  
 **<%=**i+1**%>**. **<%=**course\_list[i]**%>** </a>  
 </div>  
 </div>  
 **<%** }  
 **%>** </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 <!-- video modal -->  
 <div class="container">  
 <div id="videoModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="videoModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="videoModalLabel">Video</h1>  
 </div>  
 <div class="modal-body">  
 <video id="video\_play" class="video-js" ng-src="{{video\_url}}" controls="controls"></video>  
 <button id="trig" style="display: none" ng-click="check()"></button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 </div>  
 <footer id="footer">  
 <div class="mtl navbar-bottom" style="padding-left: 0;padding-right: 0;">  
 <div class="bottom-menu">  
 <div class="container">  
 <div class="row">  
 <div class="text-center">  
 <span class="glyphicon glyphicon-copyright-mark"></span>2008 Learninglight Virtual Academy  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </footer>  
 </div>  
 <script src="components/js/vendor/jquery.min.js" type="text/javascript"></script>  
 <script src="components/js/vendor/video.js" type="text/javascript"></script>  
 <script src="components/js/flat-ui-pro.min.js" type="text/javascript"></script>  
 <script src="components/js/angular.min.js" type="text/javascript"></script>  
 <script type="text/javascript">  
 $('#videoModal').on('hide.bs.modal', **function** () {  
 $('#video\_play').trigger('pause');  
 });  
 $("#video\_play").on("ended", **function**(){  
 $("#trig").trigger('click');  
 });  
 // AngularJs code  
 **var** app = angular.*module*('myapp', []);  
 app.controller('Ctrl', **function**($scope, $http) {  
 $scope.wrong = **false**;  
 $scope.video\_wrong = **false**;  
 $scope.user\_name = "";  
 $scope.password = "";  
 $scope.message = "";  
 $scope.old\_password = "";  
 $scope.new\_password = "";  
 $scope.learned\_cnt = '**<%=**learned**%>**';  
 **<%** if (session.getAttribute("user\_name") == null) { **%>** $scope.login\_status = **false**;  
 **<%** } else { **%>** $scope.login\_status = **true**;  
 $scope.login\_name = '**<%=**session.getAttribute("user\_name")**%>**';  
 **var** tmp = $scope.learned\_cnt;  
 **<%** } **%>** $scope.login = **function**() {  
 $http({  
 method: 'post',  
 url: '/LoginServlet',  
 params: {user\_name:$scope.user\_name, password:$scope.password}  
 }).then(**function** successCallback(response) {  
 $scope.wrong = **false**;  
 $scope.success = **false**;  
 $scope.login\_name = $scope.user\_name;  
 $scope.login\_status = **true**;  
 $("#loginModal").modal('hide');  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.message = response.data;  
 $scope.wrong = **true**;  
 });  
 }  
 $scope.logout = **function**() {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 }, **function** errorCallback(response) {  
  
 });  
 }  
 $scope.watch = **function**(obj) {  
 **if**(parseInt($scope.learned\_cnt) >= parseInt(obj)) {  
 tmp = obj;  
 $scope.video\_url = "components/videos/" + obj + ".mp4";  
 $("#videoModal").modal('show');  
 $scope.video\_wrong = **false**;  
 } **else** {  
 $scope.video\_message = "You haven't learn the past courses yet, please don't skip courses";  
 $scope.video\_wrong = **true**;  
 }  
 }  
 $scope.check = **function**() {  
 **if**(parseInt(tmp) == parseInt($scope.learned\_cnt)) {  
 $http({  
 method: 'post',  
 url: '/WatchVideoServlet',  
 params: {course\_name:'**<%=**course\_name**%>**'}  
 }).then(**function** successCallback(response) {  
 $scope.learned\_cnt = (parseInt($scope.learned\_cnt) + 1).toString();  
 }, **function** errorCallback(response) {  
 $scope.video\_message = response.data;  
 $scope.video\_wrong = **true**;  
 });  
 }  
 }  
 $scope.resetPassword = **function**() {  
 $http({  
 method: 'post',  
 url: '/ResetPasswordServlet',  
 params: {old\_password:$scope.old\_password, new\_password:$scope.new\_password}  
 }).then(**function** successCallback(response) {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 window.location.href = "index.jsp";  
 }, **function** errorCallback(response) {  
 });  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.reset\_message = response.data;  
 $scope.reset\_wrong = **true**;  
 });  
 }  
 });  
 </script>  
 </body>  
</html>

# Error.jsp

<%@ **page** import="classes.MariaConnection" %>  
<%@ **page** import="java.sql.Statement" %>  
<%@ **page** import="java.sql.ResultSet" %>  
<%@ **page** import="java.sql.SQLException" %><%--  
 Created by IntelliJ IDEA.  
 User: cfenglv  
 Date: 2016/12/19  
 Time: 16:57  
 To change this template use File | Settings | File Templates.  
--%>  
<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html ng-app="myapp">  
<head>  
 <meta charset="utf-8"/>  
 <!--字符集-->  
 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no">  
 <!--自适应-->  
 <meta http-equiv="X-UA-Compatible" content="IE=edge">  
 <!--以最高级别的可用模式显示内容-->  
 <meta http-equiv="Pragma" content="No-cach">  
 <!--不缓存，不能脱机浏览-->  
 <meta name="renderer" content="webkit">  
 <!--极速核-->  
 <meta http-equiv="Cache-Control" content="no-transform"/>  
 <!--防止搜索引擎转码-->  
 <meta http-equiv="Cache-Control" content="no-siteapp"/>  
 <!--防止搜索引擎转码-->  
 <link rel="stylesheet" href="components/css/bootstrap.min.css">  
 <link rel="stylesheet" href="components/css/flat-ui-pro.min.css">  
 <link rel="stylesheet" href="components/css/details.css">  
 <link rel="stylesheet" href="components/css/slick.css">  
 <link rel="stylesheet" href="components/css/slick-theme.css">  
 <title>Error - Learninglight</title>  
 <style>  
 html, body {  
 margin: 0;  
 padding: 0;  
 }  
 \* {  
 box-sizing: border-box;  
 }  
 .input-group {  
 width: 100%;  
 margin: 10px;  
 }  
 </style>  
</head>  
  
<body ng-controller="Ctrl">  
<div id="wapper"> <div id="main-content">  
 <!-- 导航栏 -->  
 <div class="container">  
 <div class="navbar navbar-default navbar-fixed-top" role="navigation">  
 <div class="navbar-header">  
 <a href="**<%=**request.getContextPath()**%>**/index.jsp" class="navbar-brand">Learninglight</a>  
 </div>  
 <ul class="nav navbar-nav">  
 <li><a href="**<%=**request.getContextPath()**%>**/courses.jsp">Courses</a></li>  
 <li><a href="**<%=**request.getContextPath()**%>**/about.jsp">About</a></li>  
 </ul>  
 <ul class="nav navbar-nav navbar-right">  
 <li id="navLogin">  
 <a ng-hide="login\_status" href="#loginModal" data-toggle="modal"><span class="fui-exit"></span> LOGIN</a>  
 <a ng-show="login\_status" href="#" class="dropdown-toggle" data-toggle="dropdown"><span class="fui-home"></span> {{login\_name}} <b class="caret"></b></a>  
 <ul class="dropdown-menu">  
 <li><a href="#resetModal" data-toggle="modal"><span class="glyphicon glyphicon-refresh"></span> Reset password</a></li>  
 <li class="divider"></li>  
 <li><a href="#" ng-click="logout()"><span class="fui-exit"></span> Log out</a></li>  
 </ul>  
 </li>  
 <li><a href="**<%=**request.getContextPath()**%>**/register.jsp" target="\_blank"><span class="fui-user"></span> REGISTER</a></li>  
 </ul>  
 </div>  
 </div>  
  
 <!-- login modal -->  
 <div class="container">  
 <form id="loginModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="loginModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="loginModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-user"></i>  
 </span>  
 <input ng-model="user\_name" class="form-control" id="user\_name" type="text" name="user\_name" placeholder="User Name" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="password" class="form-control" id="password" type="password" name="password" placeholder="Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="login()">Login now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- reset modal -->  
 <div class="container">  
 <form id="resetModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="resetModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="resetModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="old\_password" class="form-control" id="old\_password" type="text" name="old\_password" placeholder="Old Password" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="glyphicon glyphicon-refresh"></i>  
 </span>  
 <input ng-model="new\_password" class="form-control" id="new\_password" type="password" name="new\_password" placeholder="New Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="reset\_wrong" class="alert alert-danger text-left">  
 <strong>{{reset\_message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="resetPassword()">Reset now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <div style="padding-top: 100px" class="text-center">  
 <h1 class="text-danger">Error</h1>  
 <p>Something wrong...Maybe the database connect is failed.....Sorrrrrrrry, please try again~</p>  
 </div>  
  
  
</div>  
  
  
  
 <footer id="footer">  
 <div class="mtl navbar-bottom" style="padding-left: 0;padding-right: 0;">  
 <div class="bottom-menu">  
 <div class="container">  
 <div class="row">  
 <div class="text-center">  
 <span class="glyphicon glyphicon-copyright-mark"></span>2008 Learninglight Virtual Academy  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </footer>  
</div>  
<script src="components/js/vendor/jquery.min.js" type="text/javascript"></script>  
<script src="components/js/vendor/video.js" type="text/javascript"></script>  
<script src="components/js/flat-ui-pro.min.js" type="text/javascript"></script>  
<script src="components/js/angular.min.js" type="text/javascript"></script>  
<script type="text/javascript">  
 // AngularJs code  
 **var** app = angular.module('myapp', []);  
 app.controller('Ctrl', **function**($scope, $http) {  
 $scope.wrong = **false**;  
 $scope.user\_name = "";  
 $scope.password = "";  
 $scope.message = "";  
 $scope.old\_password = "";  
 $scope.new\_password = "";  
 **<%** if (session.getAttribute("user\_name") == null) { **%>** $scope.login\_status = **false**;  
 **<%** } else { **%>** $scope.login\_status = **true**;  
 $scope.login\_name = '**<%=**session.getAttribute("user\_name")**%>**';  
 **<%** } **%>** $scope.login = **function**() {  
 $http({  
 method: 'post',  
 url: '/LoginServlet',  
 params: {user\_name:$scope.user\_name, password:$scope.password}  
 }).then(**function** successCallback(response) {  
 $scope.wrong = **false**;  
 $scope.success = **false**;  
 $scope.message = response.data;  
 $scope.login\_name = $scope.user\_name;  
 $scope.login\_status = **true**;  
 $("#loginModal").modal('hide');  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.message = response.data;  
 $scope.wrong = **true**;  
 });  
 }  
 $scope.logout = **function**() {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet',  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 }, **function** errorCallback(response) {  
  
 });  
 }  
 $scope.resetPassword = **function**() {  
 $http({  
 method: 'post',  
 url: '/ResetPasswordServlet',  
 params: {old\_password:$scope.old\_password, new\_password:$scope.new\_password}  
 }).then(**function** successCallback(response) {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 window.location.href = "index.jsp";  
 }, **function** errorCallback(response) {  
 });  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.reset\_message = response.data;  
 $scope.reset\_wrong = **true**;  
 });  
 }  
 });  
</script>  
</body>  
</html>

# Exam.jsp

<%@ **page** import="classes.MariaConnection" %>  
<%@ **page** import="java.sql.Statement" %>  
<%@ **page** import="java.sql.ResultSet" %>  
<%@ **page** import="java.sql.SQLException" %>  
<%@ **page** import="java.util.ArrayList" %>  
<%@ **page** import="classes.ProblemInfo" %>  
<%@ **page** import="java.util.DoubleSummaryStatistics" %><%--  
 Created by IntelliJ IDEA.  
 User: cfenglv  
 Date: 2016/12/28  
 Time: 20:39  
 To change this template use File | Settings | File Templates.  
--%>  
<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html ng-app="myapp">  
 <head>  
 <meta charset="utf-8"/>  
 <!--字符集-->  
 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no">  
 <!--自适应-->  
 <meta http-equiv="X-UA-Compatible" content="IE=edge">  
 <!--以最高级别的可用模式显示内容-->  
 <meta http-equiv="Pragma" content="No-cach">  
 <!--不缓存，不能脱机浏览-->  
 <meta name="renderer" content="webkit">  
 <!--极速核-->  
 <meta http-equiv="Cache-Control" content="no-transform"/>  
 <!--防止搜索引擎转码-->  
 <meta http-equiv="Cache-Control" content="no-siteapp"/>  
 <!--防止搜索引擎转码-->  
 <link rel="stylesheet" href="components/css/bootstrap.min.css">  
 <link rel="stylesheet" href="components/css/flat-ui-pro.min.css">  
 <link rel="stylesheet" href="components/css/details.css">  
 <title>Exam - Learninglight</title>  
 <style>  
 html, body {  
 margin: 0;  
 padding: 0;  
 }  
 \* {  
 box-sizing: border-box;  
 }  
 .input-group {  
 width: 100%;  
 margin: 10px;  
 }  
 </style>  
 **<%**session.setMaxInactiveInterval(100000);**%>  
 <%** request.setCharacterEncoding("utf-8");  
 String user\_name = (String)request.getSession().getAttribute("user\_name");  
 String course\_name = request.getParameter("course\_name");  
 if(user\_name == null) {  
 response.sendRedirect("courses.jsp?user\_back=1");  
 return ;  
 }  
 if(course\_name == null || course\_name == "") {  
 response.sendRedirect("courses.jsp?exam\_back=1");  
 return ;  
 }  
 course\_name = course\_name.replace("Sharp", "#");  
 course\_name = course\_name.replace("Cpp", "C++");  
 MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 if(stmt == null) {  
 pageContext.forward("error.jsp");  
 return;  
 }  
 String sql = "select score from user\_rel\_course where user\_name = '" + user\_name + "' and course\_name = '" + course\_name + "'";  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if(rs.next()) {  
 String score = rs.getString(1);  
 double tmp = Double.parseDouble(score);  
 if(tmp >= 0) {  
 response.sendRedirect("courses.jsp?already\_back=1");  
 return ;  
 }  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 **%>** </head>  
  
 <body ng-controller="Ctrl">  
 <div id="wapper"> <div id="main-content">  
 <!-- 导航栏 -->  
 <div class="container">  
 <div class="navbar navbar-default navbar-fixed-top" role="navigation">  
 <div class="navbar-header">  
 <a href="**<%=**request.getContextPath()**%>**/index.jsp" class="navbar-brand">Learninglight</a>  
 </div>  
 <ul class="nav navbar-nav">  
 <li><a href="**<%=**request.getContextPath()**%>**/courses.jsp">Courses</a></li>  
 <li><a href="**<%=**request.getContextPath()**%>**/about.jsp">About</a></li>  
 </ul>  
 <ul class="nav navbar-nav navbar-right">  
 <li id="navLogin">  
 <a ng-hide="login\_status" href="#loginModal" data-toggle="modal"><span class="fui-exit"></span> LOGIN</a>  
 <a ng-show="login\_status" href="#" class="dropdown-toggle" data-toggle="dropdown"><span class="fui-home"></span> {{login\_name}} <b class="caret"></b></a>  
 <ul class="dropdown-menu">  
 <li><a href="#resetModal" data-toggle="modal"><span class="glyphicon glyphicon-refresh"></span> Reset password</a></li>  
 <li class="divider"></li>  
 <li><a href="#" ng-click="logout()"><span class="fui-exit"></span> Log out</a></li>  
 </ul>  
 </li>  
 <li><a href="**<%=**request.getContextPath()**%>**/register.jsp" target="\_blank"><span class="fui-user"></span> REGISTER</a></li>  
 </ul>  
 </div>  
 </div>  
  
 <!-- login modal -->  
 <div class="container">  
 <form id="loginModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="loginModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="loginModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-user"></i>  
 </span>  
 <input ng-model="user\_name" class="form-control" id="user\_name" type="text" name="user\_name" placeholder="User Name" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="password" class="form-control" id="password" type="password" name="password" placeholder="Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="login()">Login now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- reset modal -->  
 <div class="container">  
 <form id="resetModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="resetModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="resetModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="old\_password" class="form-control" id="old\_password" type="text" name="old\_password" placeholder="Old Password" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="glyphicon glyphicon-refresh"></i>  
 </span>  
 <input ng-model="new\_password" class="form-control" id="new\_password" type="password" name="new\_password" placeholder="New Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="reset\_wrong" class="alert alert-danger text-left">  
 <strong>{{reset\_message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="resetPassword()">Reset now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- exam form -->  
 <div class="container" style="padding-top: 100px">  
 <div class="row">  
 <div class="col-lg-12 col-xs-12" style="margin: 70px auto 50px auto;float: none;">  
 <div class="panel panel-primary" style="padding-left: 0px;padding-right: 0px">  
 <div class="panel-heading" style="height: 50px;">  
 <div class="panel-title" style="text-align: left;">  
 **<%=**course\_name**%>** - Exam  
 </div>  
 </div>  
 <div class="panel-body">  
 <button type="button" class="btn btn-primary" style="width: 100%" ng-click="submit\_choice()">Submit your answer</button>  
 <table class="table table-hover" style="margin-top: 50px;">  
 <tr>  
 <td style="text-align: center;">Question</td>  
 <td style="text-align: center; border-left:#cccccc solid 1px;">Options</td>  
 </tr>  
 **<%** sql = "select problem from exam where course\_name = '" + course\_name + "'";  
 int pro\_cnt = 1;  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 if (rs.next()) {  
 String problem = rs.getString(1);  
 String[] problems = problem.split("p\\|\\|p");  
 int len = problems.length, cnt = 0;  
 pro\_cnt = (len + 1) / 5;  
 for(int i = 0; i < len; i += 5, ++cnt) {  
 ProblemInfo pro = new ProblemInfo(problems[i], problems[i+1], problems[i+2], problems[i+3], problems[i+4]);  
 **%>** <tr>  
 <td style="text-align: left;">**<%=**pro.getProblem()**%>**</td>  
 <td style="text-align: left; border-left:#cccccc solid 1px;">  
 <div style="float: left"><input type="radio" id="**<%=**cnt**%>**\_a" name="**<%=**cnt**%>**" ng-click="change(**<%=**cnt**%>**, 'A')"><label for="**<%=**cnt**%>**\_a">**<%=**pro.getA()**%>**</label></div>  
 <div style="float: left"><input type="radio" id="**<%=**cnt**%>**\_b" name="**<%=**cnt**%>**" ng-click="change(**<%=**cnt**%>**, 'B')"><label for="**<%=**cnt**%>**\_b">**<%=**pro.getB()**%>**</label></div>  
 <div style="float: left"><input type="radio" id="**<%=**cnt**%>**\_c" name="**<%=**cnt**%>**" ng-click="change(**<%=**cnt**%>**, 'C')"><label for="**<%=**cnt**%>**\_c">**<%=**pro.getC()**%>**</label></div>  
 <div style="float: left"><input type="radio" id="**<%=**cnt**%>**\_d" name="**<%=**cnt**%>**" ng-click="change(**<%=**cnt**%>**, 'D')"><label for="**<%=**cnt**%>**\_d">**<%=**pro.getD()**%>**</label></div>  
 </td>  
 </tr>  
 **<%**}  
 } else {  
 response.sendRedirect("courses.jsp?course\_back=1");  
 return ;  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 **%>** </table>  
 <button type="button" class="btn btn-primary" style="width: 100%" ng-click="submit\_choice()">Submit your answer</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
  
 </div>  
  
  
  
 <footer id="footer">  
 <div class="mtl navbar-bottom" style="padding-left: 0;padding-right: 0;">  
 <div class="bottom-menu">  
 <div class="container">  
 <div class="row">  
 <div class="text-center">  
 <span class="glyphicon glyphicon-copyright-mark"></span>2008 Learninglight Virtual Academy  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </footer>  
 </div>  
 <script src="components/js/vendor/jquery.min.js" type="text/javascript"></script>  
 <script src="components/js/vendor/video.js" type="text/javascript"></script>  
 <script src="components/js/flat-ui-pro.min.js" type="text/javascript"></script>  
 <script src="components/js/angular.min.js" type="text/javascript"></script>  
 <script type="text/javascript">  
 // AngularJs code  
 **var** app = angular.module('myapp', []);  
 app.controller('Ctrl', **function**($scope, $http) {  
 $scope.wrong = **false**;  
 $scope.user\_name = "";  
 $scope.password = "";  
 $scope.message = "";  
 $scope.choices = [];  
 $scope.old\_password = "";  
 $scope.new\_password = "";  
 **for**(**var** i = 0; i < **<%=**pro\_cnt**%>**; ++i)  
 $scope.choices[i] = ' ';  
 **<%** if (session.getAttribute("user\_name") == null) { **%>** $scope.login\_status = **false**;  
 **<%** } else { **%>** $scope.login\_status = **true**;  
 $scope.login\_name = '**<%=**session.getAttribute("user\_name")**%>**';  
 **<%** } **%>** $scope.login = **function**() {  
 $http({  
 method: 'post',  
 url: '/LoginServlet',  
 params: {user\_name:$scope.user\_name, password:$scope.password}  
 }).then(**function** successCallback(response) {  
 $scope.wrong = **false**;  
 $scope.success = **false**;  
 $scope.login\_name = $scope.user\_name;  
 $scope.login\_status = **true**;  
 $("#loginModal").modal('hide');  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.message = response.data;  
 $scope.wrong = **true**;  
 });  
 }  
 $scope.logout = **function**() {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 }, **function** errorCallback(response) {  
  
 });  
 }  
 $scope.change = **function**(idx, choice){  
 $scope.choices[idx] = choice;  
 };  
 $scope.submit\_choice = **function**() {  
 **var** cc = "";  
 **for**(**var** i = 0; i < **<%=**pro\_cnt**%>**; ++i)  
 cc += $scope.choices[i] + ",";  
 $http({  
 method: 'post',  
 url: '/ExamServlet',  
 params: {choices:cc, course\_name:'**<%=**course\_name**%>**'}  
 }).then(**function** successCallback(response) {  
 window.location.href = '**<%=**request.getContextPath()**%>**/courses.jsp';  
 }, **function** errorCallback(response) {  
 window.location.href = '**<%=**request.getContextPath()**%>**/error.jsp';  
 });  
 }  
 $scope.resetPassword = **function**() {  
 $http({  
 method: 'post',  
 url: '/ResetPasswordServlet',  
 params: {old\_password:$scope.old\_password, new\_password:$scope.new\_password}  
 }).then(**function** successCallback(response) {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 window.location.href = "index.jsp";  
 }, **function** errorCallback(response) {  
 });  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.reset\_message = response.data;  
 $scope.reset\_wrong = **true**;  
 });  
 }  
 });  
 </script>  
 </body>  
</html>

# Index.jsp

<%@ **page** import="classes.MariaConnection" %>  
<%@ **page** import="java.sql.Statement" %>  
<%@ **page** import="java.sql.ResultSet" %>  
<%@ **page** import="java.sql.SQLException" %><%--  
 Created by IntelliJ IDEA.  
 User: cfenglv  
 Date: 2016/12/19  
 Time: 16:57  
 To change this template use File | Settings | File Templates.  
--%>  
<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html ng-app="myapp">  
 <head>  
 <meta charset="utf-8"/>  
 <!--字符集-->  
 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no">  
 <!--自适应-->  
 <meta http-equiv="X-UA-Compatible" content="IE=edge">  
 <!--以最高级别的可用模式显示内容-->  
 <meta http-equiv="Pragma" content="No-cach">  
 <!--不缓存，不能脱机浏览-->  
 <meta name="renderer" content="webkit">  
 <!--极速核-->  
 <meta http-equiv="Cache-Control" content="no-transform"/>  
 <!--防止搜索引擎转码-->  
 <meta http-equiv="Cache-Control" content="no-siteapp"/>  
 <!--防止搜索引擎转码-->  
 <link rel="stylesheet" href="components/css/bootstrap.min.css">  
 <link rel="stylesheet" href="components/css/flat-ui-pro.min.css">  
 <link rel="stylesheet" href="components/css/details.css">  
 <link rel="stylesheet" href="components/css/slick.css">  
 <link rel="stylesheet" href="components/css/slick-theme.css">  
 <title>Learninglight</title>  
 <style>  
 html, body {  
 margin: 0;  
 padding: 0;  
 }  
 \* {  
 box-sizing: border-box;  
 }  
  
 .slider {  
 margin: 20px auto;  
 height: inherit;  
 }  
  
 .slick-slide {  
 margin: 0px 20px;  
 height: inherit;  
 }  
  
 .slick-slide img {  
 width: 100%;  
 }  
  
 .slick-prev:before,  
 .slick-next:before {  
 font: 24px/27px Arial,sans-serif;  
 color: #cccccc;  
 text-decoration: none;  
 font-size: 65px;  
 }  
  
 .input-group {  
 width: 100%;  
 margin: 10px;  
 }  
 </style>  
 **<%**session.setMaxInactiveInterval(100000);**%>** </head>  
  
 <body ng-controller="Ctrl">  
 <div id="wapper"> <div id="main-content">  
 <!-- 导航栏 -->  
 <div class="container">  
 <div class="navbar navbar-default navbar-fixed-top" role="navigation">  
 <div class="navbar-header">  
 <a href="**<%=**request.getContextPath()**%>**/index.jsp" class="navbar-brand">Learninglight</a>  
 </div>  
 <ul class="nav navbar-nav">  
 <li><a href="**<%=**request.getContextPath()**%>**/courses.jsp">Courses</a></li>  
 <li><a href="**<%=**request.getContextPath()**%>**/about.jsp">About</a></li>  
 </ul>  
 <ul class="nav navbar-nav navbar-right">  
 <li id="navLogin">  
 <a ng-hide="login\_status" href="#loginModal" data-toggle="modal"><span class="fui-exit"></span> LOGIN</a>  
 <a ng-show="login\_status" href="#" class="dropdown-toggle" data-toggle="dropdown"><span class="fui-home"></span> {{login\_name}} <b class="caret"></b></a>  
 <ul class="dropdown-menu">  
 <li><a href="#resetModal" data-toggle="modal"><span class="glyphicon glyphicon-refresh"></span> Reset password</a></li>  
 <li class="divider"></li>  
 <li><a href="#" ng-click="logout()"><span class="fui-exit"></span> Log out</a></li>  
 </ul>  
 </li>  
 <li><a href="**<%=**request.getContextPath()**%>**/register.jsp" target="\_blank"><span class="fui-user"></span> REGISTER</a></li>  
 </ul>  
 </div>  
 </div>  
  
 <!-- login modal -->  
 <div class="container">  
 <form id="loginModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="loginModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="loginModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-user"></i>  
 </span>  
 <input ng-model="user\_name" class="form-control" id="user\_name" type="text" name="user\_name" placeholder="User Name" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="password" class="form-control" id="password" type="password" name="password" placeholder="Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="login()">Login now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- reset modal -->  
 <div class="container">  
 <form id="resetModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="resetModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="resetModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="old\_password" class="form-control" id="old\_password" type="text" name="old\_password" placeholder="Old Password" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="glyphicon glyphicon-refresh"></i>  
 </span>  
 <input ng-model="new\_password" class="form-control" id="new\_password" type="password" name="new\_password" placeholder="New Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="reset\_wrong" class="alert alert-danger text-left">  
 <strong>{{reset\_message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="resetPassword()">Reset now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- img -->  
 <div class="container pic">  
 <div class="pic">  
 <div class="item pic carousel-inner">  
 <img class="pic" src="components/img/helloworld.jpg">  
 </div>  
 </div>  
 </div>  
 <!-- courses introduction -->  
 <div class="container">  
 <section class="center slider">  
 **<%** MariaConnection mariaConnection = new MariaConnection();  
 Statement stmt = mariaConnection.getStatement();  
 String sql = "select \* from course";  
 if(stmt == null) {  
 pageContext.forward(request.getContextPath() + "/error.jsp");  
 return;  
 } else {  
 try (ResultSet rs = stmt.executeQuery(sql)) {  
 while(rs.next()) {  
 String course\_name = rs.getString(1);  
 String file\_name = course\_name.replace("#", "Sharp");  
 String url\_name = file\_name;  
 url\_name = url\_name.replace("+", "p");  
 String course\_intro = rs.getString(3);  
 **%>** <div class="thumbnail" style="padding-bottom: 0;min-height: 248px" >  
 <a href="details.jsp?course\_name=**<%=**url\_name**%>**"><img src="components/img/**<%=**file\_name**%>**.jpg" alt="**<%=**course\_name**%>**" style="min-height:120px"></a>  
 <div class="caption" style="padding-top: 0">  
 <a href="details.jsp?course\_name=**<%=**url\_name**%>**">  
 <h3 style="padding-top: 5px;margin-top: 5px" class="text-center">**<%=**course\_name**%>**</h3>  
 </a>  
 <p class="text-center">  
 <a uib-popover="**<%=**course\_intro**%>**" href="details.jsp?course\_name=**<%=**url\_name**%>**"  
 popover-title="Course Introduction" popover-trigger="'mouseenter'"  
 popover-append-to-body="true" popover-animation="true" class="btn btn-primary">  
 Learn  
 </a>  
 </p>  
 </div>  
 </div>  
 **<%** }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
 **%>** </section>  
 </div>  
  
  
 </div>  
  
  
  
 <footer id="footer">  
 <div class="mtl navbar-bottom" style="padding-left: 0;padding-right: 0;">  
 <div class="bottom-menu">  
 <div class="container">  
 <div class="row">  
 <div class="text-center">  
 <span class="glyphicon glyphicon-copyright-mark"></span>2008 Learninglight Virtual Academy  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </footer>  
 </div>  
 <script src="components/js/vendor/jquery.min.js" type="text/javascript"></script>  
 <script src="components/js/vendor/video.js" type="text/javascript"></script>  
 <script src="components/js/flat-ui-pro.min.js" type="text/javascript"></script>  
 <script src="components/js/angular.min.js" type="text/javascript"></script>  
 <script src="components/js/ui-bootstrap-tpls-2.3.1.min.js" type="text/javascript"></script>  
 <script src="components/js/slick.min.js" type="text/javascript"></script>  
 <script type="text/javascript">  
 // slider code  
 $(".center").slick({  
 dots: **true**,  
 infinite: **true**,  
 centerMode: **true**,  
 slidesToShow: 3,  
 slidesToScroll: 1,  
 responsive: [  
 {  
 breakpoint: 1024,  
 settings: {  
 centerMode: **true**,  
 centerPadding: '40px',  
 slidesToShow: 2  
 }  
 },  
 {  
 breakpoint: 480,  
 settings: {  
 centerMode: **true**,  
 centerPadding: '40px',  
 slidesToShow: 1  
 }  
 }  
 ]  
 });  
 // AngularJs code  
 **var** app = angular.module('myapp', ['ui.bootstrap']);  
 app.controller('Ctrl', **function**($scope, $http) {  
 $scope.wrong = **false**;  
 $scope.user\_name = "";  
 $scope.password = "";  
 $scope.old\_password = "";  
 $scope.new\_password = "";  
 $scope.message = "";  
 **<%** if (session.getAttribute("user\_name") == null) { **%>** $scope.login\_status = **false**;  
 **<%** } else { **%>** $scope.login\_status = **true**;  
 $scope.login\_name = '**<%=**session.getAttribute("user\_name")**%>**';  
 **<%** } **%>** $scope.login = **function**() {  
 $http({  
 method: 'post',  
 url: '/LoginServlet',  
 params: {user\_name:$scope.user\_name, password:$scope.password}  
 }).then(**function** successCallback(response) {  
 $scope.wrong = **false**;  
 $scope.success = **false**;  
 $scope.login\_name = $scope.user\_name;  
 $scope.login\_status = **true**;  
 $("#loginModal").modal('hide');  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.message = response.data;  
 $scope.wrong = **true**;  
 });  
 }  
 $scope.logout = **function**() {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 }, **function** errorCallback(response) {  
 });  
 }  
 $scope.resetPassword = **function**() {  
 $http({  
 method: 'post',  
 url: '/ResetPasswordServlet',  
 params: {old\_password:$scope.old\_password, new\_password:$scope.new\_password}  
 }).then(**function** successCallback(response) {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 window.location.href = "index.jsp";  
 }, **function** errorCallback(response) {  
 });  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.reset\_message = response.data;  
 $scope.reset\_wrong = **true**;  
 });  
 }  
 });  
 </script>  
 </body>  
</html>

# Register.jsp

<%--  
 Created by IntelliJ IDEA.  
 User: cfenglv  
 Date: 2016/12/23  
 Time: 15:46  
 To change this template use File | Settings | File Templates.  
--%>  
<%@ **page** contentType="text/html;charset=UTF-8" language="java" %>  
<html ng-app="myapp">  
<head>  
 <meta charset="utf-8"/>  
 <!--字符集-->  
 <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no">  
 <!--自适应-->  
 <meta http-equiv="X-UA-Compatible" content="IE=edge">  
 <!--以最高级别的可用模式显示内容-->  
 <meta http-equiv="Pragma" content="No-cach">  
 <!--不缓存，不能脱机浏览-->  
 <meta name="renderer" content="webkit">  
 <!--极速核-->  
 <meta http-equiv="Cache-Control" content="no-transform"/>  
 <!--防止搜索引擎转码-->  
 <meta http-equiv="Cache-Control" content="no-siteapp"/>  
 <!--防止搜索引擎转码-->  
 <link rel="stylesheet" href="components/css/bootstrap.min.css">  
 <link rel="stylesheet" href="components/css/flat-ui-pro.min.css">  
 <link rel="stylesheet" href="components/css/bootstrapValidator.min.css">  
 <link rel="stylesheet" href="components/css/details.css">  
 <title>Register - Learninglight</title>  
 <style>  
 .input-group {  
 width: 100%;  
 margin: 10px;  
 }  
 </style>  
</head>  
<body ng-controller="Ctrl">  
 <div id="wapper"> <div id="main-content">  
 <!-- 导航栏 -->  
 <div class="container">  
 <div class="navbar navbar-default navbar-fixed-top" role="navigation">  
 <div class="navbar-header">  
 <a href="**<%=**request.getContextPath()**%>**/index.jsp" class="navbar-brand">Learninglight</a>  
 </div>  
 <ul class="nav navbar-nav">  
 <li><a href="**<%=**request.getContextPath()**%>**/courses.jsp">Courses</a></li>  
 <li><a href="**<%=**request.getContextPath()**%>**/about.jsp">About</a></li>  
 </ul>  
 <ul class="nav navbar-nav navbar-right">  
 <li id="navLogin">  
 <a ng-hide="login\_status" href="#loginModal" data-toggle="modal"><span class="fui-exit"></span> LOGIN</a>  
 <a ng-show="login\_status" href="#" class="dropdown-toggle" data-toggle="dropdown"><span class="fui-home"></span> {{login\_name}} <b class="caret"></b></a>  
 <ul class="dropdown-menu">  
 <li><a href="#resetModal" data-toggle="modal"><span class="glyphicon glyphicon-refresh"></span> Reset password</a></li>  
 <li class="divider"></li>  
 <li><a href="#" ng-click="logout()"><span class="fui-exit"></span> Log out</a></li>  
 </ul>  
 </li>  
 <li><a href="**<%=**request.getContextPath()**%>**/register.jsp" target="\_blank"><span class="fui-user"></span> REGISTER</a></li>  
 </ul>  
 </div>  
 </div>  
  
 <!-- login modal -->  
 <div class="container">  
 <form id="loginModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="loginModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="loginModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-user"></i>  
 </span>  
 <input ng-model="login\_user\_name" class="form-control" id="login\_user\_name" type="text" name="login\_user\_name" placeholder="User Name" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="login\_password" class="form-control" id="login\_password" type="password" name="login\_password" placeholder="Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="wrong" class="alert alert-danger text-left">  
 <strong>{{message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="login()">Login now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- reset modal -->  
 <div class="container">  
 <form id="resetModal" class="modal fade" aria-hidden="true" tabindex="-1" role="dialog" aria-labelledby="resetModalLabel">  
 <div class="modal-dialog" style="z-index:1050">  
 <div class="modal-content" style="padding-left: 0px;padding-right: 0px">  
 <div class="modal-header">  
 <button type="button" class="close fui-cross" data-dismiss="modal" aria-hidden="true"></button>  
 <h1 class="text-left text-primary modal-title" id="resetModalLabel">Login</h1>  
 </div>  
 <div class="modal-body">  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="old\_password" class="form-control" id="old\_password" type="text" name="old\_password" placeholder="Old Password" autocomplete="off">  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="glyphicon glyphicon-refresh"></i>  
 </span>  
 <input ng-model="new\_password" class="form-control" id="new\_password" type="password" name="new\_password" placeholder="New Password" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="modal-footer">  
 <div ng-show="reset\_wrong" class="alert alert-danger text-left">  
 <strong>{{reset\_message}}</strong>  
 </div>  
 <div class="form-group text-right">  
 <button type="button" class="btn btn-lg btn-primary" ng-click="resetPassword()">Reset now</button>  
 </div>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 <!-- register form -->  
 <div class="container">  
 <div class="row">  
 <div class="col-lg-8 col-xs-8" style="margin: 70px auto 50px auto;float: none;">  
 <div class="panel panel-primary" style="padding-left: 0px;padding-right: 0px">  
 <div class="panel-heading" style="height: 50px;">  
 <div class="panel-title" style="text-align: left;">Register</div>  
 </div>  
 <div class="panel-body">  
 <form id="registerForm">  
 <div class="form-group" >  
 <div class="col-sm-12">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-user"></i>  
 </span>  
 <input ng-model="user\_name" class="form-control" id="user\_name" type="text" name="user\_name" placeholder=" User Name(\*required)" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="col-sm-12">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-mail"></i>  
 </span>  
 <input ng-model="email\_id" class="form-control" id="email\_id" type="text" name="email\_id" placeholder=" Email ID(\*required)" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="col-sm-12">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="password" class="form-control" id="password" type="password" name="password" placeholder=" Password(\*required)" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="col-sm-12">  
 <div class="input-group">  
 <span class="input-group-addon">  
 <i class="fui-lock"></i>  
 </span>  
 <input ng-model="confirm" class="form-control" id="confirm" type="password" name="confirm" placeholder=" Ensure your Password(\*required)" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="col-sm-12">  
 <div class="input-group">  
 <span class="input-group-addon"><i class="fui-calendar"></i></span>  
 <%--<input ng-model="Birthday" class="form-control" id="Birthday" type="text" name="Birthday" placeholder="Birthday" autocomplete="off">--%>  
 <input ng-model="Birthday" class="form-control timepicker-with-dropdowns" id="Birthday" type="text" name="Birthday" placeholder="Birthday" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="col-sm-12">  
 <div class="input-group">  
 <span class="input-group-addon"><i class="glyphicon glyphicon-phone"></i></span>  
 <input ng-model="phone\_number" class="form-control" id="phone\_number" type="text" name="phone\_number" placeholder="Phone Number" autocomplete="off">  
 </div>  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="col-sm-12">  
 <div class="input-group">  
 <span class="input-group-addon"><i class="glyphicon glyphicon-globe"></i></span>  
 <%--<select ng-model="country" class="form-control" id="country" name="country" autocomplete="off"><option value="" disabled selected>Select your country</option><option value="Afghanistan">Afghanistan</option><option value="Albania">Albania</option><option value="Algeria">Algeria</option><option value="American Samoa">American Samoa</option><option value="Andorra">Andorra</option><option value="Angola">Angola</option><option value="Anguilla">Anguilla</option><option value="Antarctica">Antarctica</option><option value="AG">Antigua and Barbuda</option><option value="AR">Argentina</option><option value="AM">Armenia</option><option value="AW">Aruba</option><option value="AU">Australia</option><option value="AT">Austria</option><option value="AZ">Azerbaijan</option><option value="BH">Bahrain</option><option value="BD">Bangladesh</option><option value="BB">Barbados</option><option value="BY">Belarus</option><option value="BE">Belgium</option><option value="BZ">Belize</option><option value="BJ">Benin</option><option value="BM">Bermuda</option><option value="BT">Bhutan</option><option value="BO">Bolivia</option><option value="BA">Bosnia and Herzegovina</option><option value="BW">Botswana</option><option value="BV">Bouvet Island</option><option value="BR">Brazil</option><option value="IO">British Indian Ocean Territory</option><option value="VG">British Virgin Islands</option><option value="BN">Brunei</option><option value="BG">Bulgaria</option><option value="BF">Burkina Faso</option><option value="BI">Burundi</option><option value="CI">Côte d'Ivoire</option><option value="KH">Cambodia</option><option value="CM">Cameroon</option><option value="CA">Canada</option><option value="CV">Cape Verde</option><option value="KY">Cayman Islands</option><option value="CF">Central African Republic</option><option value="TD">Chad</option><option value="CL">Chile</option><option value="CN">China</option><option value="CX">Christmas Island</option><option value="CC">Cocos (Keeling) Islands</option><option value="CO">Colombia</option><option value="KM">Comoros</option><option value="CG">Congo</option><option value="CK">Cook Islands</option><option value="CR">Costa Rica</option><option value="HR">Croatia</option><option value="CU">Cuba</option><option value="CY">Cyprus</option><option value="CZ">Czech Republic</option><option value="CD">Democratic Republic of the Congo</option><option value="DK">Denmark</option><option value="DJ">Djibouti</option><option value="DM">Dominica</option><option value="DO">Dominican Republic</option><option value="TP">East Timor</option><option value="EC">Ecuador</option><option value="EG">Egypt</option><option value="SV">El Salvador</option><option value="GQ">Equatorial Guinea</option><option value="ER">Eritrea</option><option value="EE">Estonia</option><option value="ET">Ethiopia</option><option value="FO">Faeroe Islands</option><option value="FK">Falkland Islands</option><option value="FJ">Fiji</option><option value="FI">Finland</option><option value="MK">Former Yugoslav Republic of Macedonia</option><option value="FR">France</option><option value="FX">France, Metropolitan</option><option value="GF">French Guiana</option><option value="PF">French Polynesia</option><option value="TF">French Southern Territories</option><option value="GA">Gabon</option><option value="GE">Georgia</option><option value="DE">Germany</option><option value="GH">Ghana</option><option value="GI">Gibraltar</option><option value="GR">Greece</option><option value="GL">Greenland</option><option value="GD">Grenada</option><option value="GP">Guadeloupe</option><option value="GU">Guam</option><option value="GT">Guatemala</option><option value="GN">Guinea</option><option value="GW">Guinea-Bissau</option><option value="GY">Guyana</option><option value="HT">Haiti</option><option value="HM">Heard and Mc Donald Islands</option><option value="HN">Honduras</option><option value="HK">Hong Kong</option><option value="HU">Hungary</option><option value="IS">Iceland</option><option value="IN">India</option><option value="ID">Indonesia</option><option value="IR">Iran</option><option value="IQ">Iraq</option><option value="IE">Ireland</option><option value="IL">Israel</option><option value="IT">Italy</option><option value="JM">Jamaica</option><option value="JP">Japan</option><option value="JO">Jordan</option><option value="KZ">Kazakhstan</option><option value="KE">Kenya</option><option value="KI">Kiribati</option><option value="KW">Kuwait</option><option value="KG">Kyrgyzstan</option><option value="LA">Laos</option><option value="LV">Latvia</option><option value="LB">Lebanon</option><option value="LS">Lesotho</option><option value="LR">Liberia</option><option value="LY">Libya</option><option value="LI">Liechtenstein</option><option value="LT">Lithuania</option><option value="LU">Luxembourg</option><option value="MO">Macau</option><option value="MG">Madagascar</option><option value="MW">Malawi</option><option value="MY">Malaysia</option><option value="MV">Maldives</option><option value="ML">Mali</option><option value="MT">Malta</option><option value="MH">Marshall Islands</option><option value="MQ">Martinique</option><option value="MR">Mauritania</option><option value="MU">Mauritius</option><option value="YT">Mayotte</option><option value="MX">Mexico</option><option value="FM">Micronesia</option><option value="MD">Moldova</option><option value="MC">Monaco</option><option value="MN">Mongolia</option><option value="ME">Montenegro</option><option value="MS">Montserrat</option><option value="MA">Morocco</option><option value="MZ">Mozambique</option><option value="MM">Myanmar</option><option value="NA">Namibia</option><option value="NR">Nauru</option><option value="NP">Nepal</option><option value="NL">Netherlands</option><option value="AN">Netherlands Antilles</option><option value="NC">New Caledonia</option><option value="NZ">New Zealand</option><option value="NI">Nicaragua</option><option value="NE">Niger</option><option value="NG">Nigeria</option><option value="NU">Niue</option><option value="NF">Norfolk Island</option><option value="KP">North Korea</option><option value="MP">Northern Marianas</option><option value="NO">Norway</option><option value="OM">Oman</option><option value="PK">Pakistan</option><option value="PW">Palau</option><option value="PS">Palestine</option><option value="PA">Panama</option><option value="PG">Papua New Guinea</option><option value="PY">Paraguay</option><option value="PE">Peru</option><option value="PH">Philippines</option><option value="PN">Pitcairn Islands</option><option value="PL">Poland</option><option value="PT">Portugal</option><option value="PR">Puerto Rico</option><option value="QA">Qatar</option><option value="RE">Reunion</option><option value="RO">Romania</option><option value="RU">Russia</option><option value="RW">Rwanda</option><option value="ST">São Tomé and Príncipe</option><option value="SH">Saint Helena</option><option value="PM">St. Pierre and Miquelon</option><option value="KN">Saint Kitts and Nevis</option><option value="LC">Saint Lucia</option><option value="VC">Saint Vincent and the Grenadines</option><option value="WS">Samoa</option><option value="SM">San Marino</option><option value="SA">Saudi Arabia</option><option value="SN">Senegal</option><option value="RS">Serbia</option><option value="SC">Seychelles</option><option value="SL">Sierra Leone</option><option value="SG">Singapore</option><option value="SK">Slovakia</option><option value="SI">Slovenia</option><option value="SB">Solomon Islands</option><option value="SO">Somalia</option><option value="ZA">South Africa</option><option value="GS">South Georgia and the South Sandwich Islands</option><option value="KR">South Korea</option><option value="ES">Spain</option><option value="LK">Sri Lanka</option><option value="SD">Sudan</option><option value="SR">Suriname</option><option value="SJ">Svalbard and Jan Mayen Islands</option><option value="SZ">Swaziland</option><option value="SE">Sweden</option><option value="CH">Switzerland</option><option value="SY">Syria</option><option value="TW">Taiwan</option><option value="TJ">Tajikistan</option><option value="TZ">Tanzania</option><option value="TH">Thailand</option><option value="BS">The Bahamas</option><option value="GM">The Gambia</option><option value="TG">Togo</option><option value="TK">Tokelau</option><option value="TO">Tonga</option><option value="TT">Trinidad and Tobago</option><option value="TN">Tunisia</option><option value="TR">Turkey</option><option value="TM">Turkmenistan</option><option value="TC">Turks and Caicos Islands</option><option value="TV">Tuvalu</option><option value="VI">US Virgin Islands</option><option value="UG">Uganda</option><option value="UA">Ukraine</option><option value="AE">United Arab Emirates</option><option value="GB">United Kingdom</option><option value="US">United States</option><option value="UM">United States Minor Outlying Islands</option><option value="UY">Uruguay</option><option value="UZ">Uzbekistan</option><option value="VU">Vanuatu</option><option value="VA">Vatican City</option><option value="VE">Venezuela</option><option value="VN">Vietnam</option><option value="WF">Wallis and Futuna Islands</option><option value="EH">Western Sahara</option><option value="YE">Yemen</option><option value="ZM">Zambia</option><option value="ZW">Zimbabwe</option></select>--%>  
 <select ng-model="country" class="form-control" id="country" name="country" autocomplete="off">  
 <option value="" disabled selected>Select your country</option>  
 <option ng-repeat="c in allCountry" value="{{c}}">{{c}}</option>  
 </select>  
 </div>  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="col-sm-12">  
 <div class="input-group">  
 <span class="input-group-addon"><i class="fui-alert-circle"></i></span>  
 <input ng-model="captcha" class="form-control" id="captcha" name="captcha" autocomplete="off" type="text" placeholder="Captcha(\*required)" style="width: 60%;border-radius: 0 4px 4px 0;">  
 <img src="{{imgSrc}}" alt="captcha" style="display: inline;cursor:pointer;width:100px;margin-left:10px;height:42px;" ng-click="changeImg()" id="captchaImg">  
 </div>  
 </div>  
 </div>  
 <div class="form-group">  
 <div class="col-sm-12">  
 <div class="input-group">  
 <button type="button" class="btn btn-primary btn-block" ng-click="register()">Register</button>  
 </div>  
 </div>  
 </div>  
 </form>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 <footer id="footer">  
 <div class="mtl navbar-bottom" style="padding-left: 0;padding-right: 0;">  
 <div class="bottom-menu">  
 <div class="container">  
 <div class="row">  
 <div class="text-center">  
 <span class="glyphicon glyphicon-copyright-mark"></span>2008 Learninglight Virtual Academy  
 </div>  
 </div>  
 </div>  
 </div>  
 </div>  
 </footer>  
 </div>  
 <script src="components/js/vendor/jquery.min.js" type="text/javascript"></script>  
 <script src="components/js/flat-ui-pro.min.js" type="text/javascript"></script>  
 <script src="components/js/angular.min.js" type="text/javascript"></script>  
 <script src="components/js/vendor/video.js" type="text/javascript"></script>  
 <script type="text/javascript" src="components/js/bootstrapValidator.min.js"></script>  
 <script type="text/javascript" src="components/js/register.js"></script>  
 <script type="text/javascript">  
 $(document).ready(**function**(){  
 init();  
 });  
 // AngularJs code  
 **var** app = angular.module('myapp', []);  
 app.controller('Ctrl', **function**($scope, $http) {  
 $scope.user\_name = "";  
 $scope.password = "";  
 $scope.email\_id = "";  
 $scope.confirm = "";  
 $scope.captcha = "";  
 $scope.phone\_number = "";  
 $scope.birthday = "";  
 $scope.country = "";  
 $scope.old\_password = "";  
 $scope.new\_password = "";  
 $scope.imgSrc = "CaptchaImageServlet";  
 $scope.allCountry = ["Albania","Algeria","American Samoa","Andorra","Angola","Anguilla","Antarctica","Antigua and Barbuda","Argentina","Armenia","Aruba","Australia","Austria","Azerbaijan","Bahrain","Bangladesh","Barbados","Belarus","Belgium","Belize","Benin","Bermuda","Bhutan","Bolivia","Bosnia and Herzegovina","Botswana","Bouvet Island","Brazil","British Indian Ocean Territory","British Virgin Islands","Brunei","Bulgaria","Burkina Faso","Burundi","Côte d'Ivoire","Cambodia","Cameroon","Canada","Cape Verde","Cayman Islands","Central African Republic","Chad","Chile","China","Christmas Island","Cocos (Keeling) Islands","Colombia","Comoros","Congo","Cook Islands","Costa Rica","Croatia","Cuba","Cyprus","Czech Republic","Democratic Republic of the Congo","Denmark","Djibouti","Dominica","Dominican Republic","East Timor","Ecuador","Egypt","El Salvador","Equatorial Guinea","Eritrea","Estonia","Ethiopia","Faeroe Islands","Falkland Islands","Fiji","Finland","Former Yugoslav Republic of Macedonia","France","France, Metropolitan","French Guiana","French Polynesia","French Southern Territories","Gabon","Georgia","Germany","Ghana","Gibraltar","Greece","Greenland","Grenada","Guadeloupe","Guam","Guatemala","Guinea","Guinea-Bissau","Guyana","Haiti","Heard and Mc Donald Islands","Honduras","Hong Kong","Hungary","Iceland","India","Indonesia","Iran","Iraq","Ireland","Israel","Italy","Jamaica","Japan","Jordan","Kazakhstan","Kenya","Kiribati","Kuwait","Kyrgyzstan","Laos","Latvia","Lebanon","Lesotho","Liberia","Libya","Liechtenstein","Lithuania","Luxembourg","Macau","Madagascar","Malawi","Malaysia","Maldives","Mali","Malta","Marshall Islands","Martinique","Mauritania","Mauritius","Mayotte","Mexico","Micronesia","Moldova","Monaco","Mongolia","Montenegro","Montserrat","Morocco","Mozambique","Myanmar","Namibia","Nauru","Nepal","Netherlands","Netherlands Antilles","New Caledonia","New Zealand","Nicaragua","Niger","Nigeria","Niue","Norfolk Island","North Korea","Northern Marianas","Norway","Oman","Pakistan","Palau","Palestine","Panama","Papua New Guinea","Paraguay","Peru","Philippines","Pitcairn Islands","Poland","Portugal","Puerto Rico","Qatar","Reunion","Romania","Russia","Rwanda","São Tomé and Príncipe","Saint Helena","St. Pierre and Miquelon","Saint Kitts and Nevis","Saint Lucia","Saint Vincent and the Grenadines","Samoa","San Marino","Saudi Arabia","Senegal","Serbia","Seychelles","Sierra Leone","Singapore","Slovakia","Slovenia","Solomon Islands","Somalia","South Africa","South Georgia and the South Sandwich Islands","South Korea","Spain","Sri Lanka","Sudan","Suriname","Svalbard and Jan Mayen Islands","Swaziland","Sweden","Switzerland","Syria","Taiwan","Tajikistan","Tanzania","Thailand","The Bahamas","The Gambia","Togo","Tokelau","Tonga","Trinidad and Tobago","Tunisia","Turkey","Turkmenistan","Turks and Caicos Islands","Tuvalu","US Virgin Islands","Uganda","Ukraine","United Arab Emirates","United Kingdom","United States","United States Minor Outlying Islands","Uruguay","Uzbekistan","Vanuatu","Vatican City","Venezuela","Vietnam","Wallis and Futuna Islands","Western Sahara","Yemen","Zambia","Zimbabwe"];  
 $scope.changeImg = **function**() {  
 **var** time = **new** Date().getTime(); //防止由于缓存而不更新图片  
 $scope.imgSrc ="**<%=**request.getContextPath()**%>**/CaptchaImageServlet?d="+time;  
 }  
 $scope.register = **function**(){  
 $('#registerForm').data('bootstrapValidator').validate();  
 **if**($('#registerForm').data('bootstrapValidator').isValid()){  
 $http({  
 method: 'post',  
 url: '/RegisterServlet',  
 params: {user\_name:$scope.user\_name,  
 password:$scope.password,  
 email\_id:$scope.email\_id,  
 confirm:$scope.confirm,  
 captcha:$scope.captcha,  
 phone\_number:$scope.phone\_number,  
 birthday:$scope.birthday,  
 country:$scope.country}  
 }).then(**function** successCallback(response) {  
 window.location.href = '**<%=**request.getContextPath()**%>**/index.jsp';  
 }, **function** errorCallback(response) {  
 **if**(response.data == "Database connect failed") {  
 window.location.href = '**<%=**request.getContextPath()**%>**/error.jsp';  
 } **else** {  
 $('#registerForm')  
 .data('bootstrapValidator')  
 .updateStatus(response.data, 'INVALID', 'callback')  
 .validateField(response.data);  
 **var** time = **new** Date().getTime(); //防止由于缓存而不更新图片  
 $scope.imgSrc ="**<%=**request.getContextPath()**%>**/CaptchaImageServlet?d="+time;  
 }  
 });  
 }  
 };  
 $scope.wrong = **false**;  
 $scope.login\_user\_name = "";  
 $scope.login\_password = "";  
 $scope.message = "";  
 **<%** if (session.getAttribute("user\_name") == null) { **%>** $scope.login\_status = **false**;  
 **<%** } else { **%>** $scope.login\_status = **true**;  
 $scope.login\_name = '**<%=**session.getAttribute("user\_name")**%>**';  
 **<%** } **%>** $scope.login = **function**() {  
 $http({  
 method: 'post',  
 url: '/LoginServlet',  
 params: {user\_name:$scope.user\_name, password:$scope.password}  
 }).then(**function** successCallback(response) {  
 $scope.wrong = **false**;  
 $scope.success = **false**;  
 $scope.login\_name = $scope.user\_name;  
 $scope.login\_status = **true**;  
 $("#loginModal").modal('hide');  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.message = response.data;  
 $scope.wrong = **true**;  
 });  
 }  
 $scope.logout = **function**() {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 }, **function** errorCallback(response) {  
  
 });  
 }  
 $scope.resetPassword = **function**() {  
 $http({  
 method: 'post',  
 url: '/ResetPasswordServlet',  
 params: {old\_password:$scope.old\_password, new\_password:$scope.new\_password}  
 }).then(**function** successCallback(response) {  
 $http({  
 method: 'post',  
 url: '/LogoutServlet'  
 }).then(**function** successCallback(response) {  
 $scope.login\_status = **false**;  
 window.location.href = "index.jsp";  
 }, **function** errorCallback(response) {  
 });  
 }, **function** errorCallback(response) {  
 $scope.success = **false**;  
 $scope.reset\_message = response.data;  
 $scope.reset\_wrong = **true**;  
 });  
 }  
 });  
 </script>  
</body>  
</html>