**大作业2——JavaWeb小型网站**

**时间：5.8——5.25**

**目的：设计实现一个小型网站、实现登录注册功能**

1. **人员分工**

代码编写——邹澳航 高钰淼

查找工具及资料、设计文档、――田苗苗

测试 ——全组人员

撰写文档——邹澳航

**二、进程安排顺序：**

1． 回顾上课内容，明确要求，下载工具（JDK1.8，MySQL,Tomcat9,Eclipse），并配置好。

2．设计好各部分，规划数据库。

3．编写程序，调试分析。

1. 撰写文档，提交作业。
2. **数据库建立：**

**创建数据库的代码**

**CREATE DATABASE testa;**

**use testa;**

**CREATE TABLE loger(**

**id VARCHAR(20) PRIMARY KEY,**

**pwd VARCHAR(30) NOT NULL,**

**lname VARCHAR(20) NOT NULL**

**);**

连接

package link;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.util.ArrayList;

public class Link {

public Connection getConnection() {

Connection con = null;

String connect = "com.mysql.cj.jdbc.Driver";

String URL = "jdbc:mysql:" + "//127.0.0.1:3306/testa?userSSL=false&serverTimezone=UTC";

String Name = "root";

String Pwd = "zhang123";

try {

Class.forName(connect);

System.out.println("驱动加载成功");

con = DriverManager.getConnection(URL, Name, Pwd);

System.out.println("数据库连接成功");

} catch (ClassNotFoundException e) {

// TODO Auto-generated catch block

e.printStackTrace();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return con;

// TODO Auto-generated constructor stub

}

public boolean addlist(Connection con, String id, String num, String name) {

boolean flag = false;

int count = 0;

String sql = "INSERT INTO loger VALUES(?,?,?);";

try {

PreparedStatement ps = con.prepareStatement(sql);

ps.setString(1, id);

ps.setString(2, num);

ps.setString(3, name);

count = ps.executeUpdate();

ps.close();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

if (count > 0) {

flag = true;

}

return flag;

}

public boolean updaInfo(Connection con, String id, String name) {

boolean flag = false;

int count = 0;

String sql = "UPDATE loger SET pwd=? WHERE id=?;";

try {

PreparedStatement ps = con.prepareStatement(sql);

ps.setString(1, name);

ps.setString(2, id);

count = ps.executeUpdate();

ps.close();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

if (count > 0) {

flag = true;

}

return flag;

}

public boolean loginstudent(Connection con, String id, String pw) {

ResultSet rs;

boolean flag = false;

String sql ="SELECT \* FROM loger WHERE id=? AND pwd=?;";

try {

PreparedStatement ps = con.prepareStatement(sql);

ps.setString(1, id);

ps.setString(2, pw);

rs = ps.executeQuery();

if (rs.first()) {

flag = true;

} else {

flag = false;

}

rs.close();

ps.close();

} catch (SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

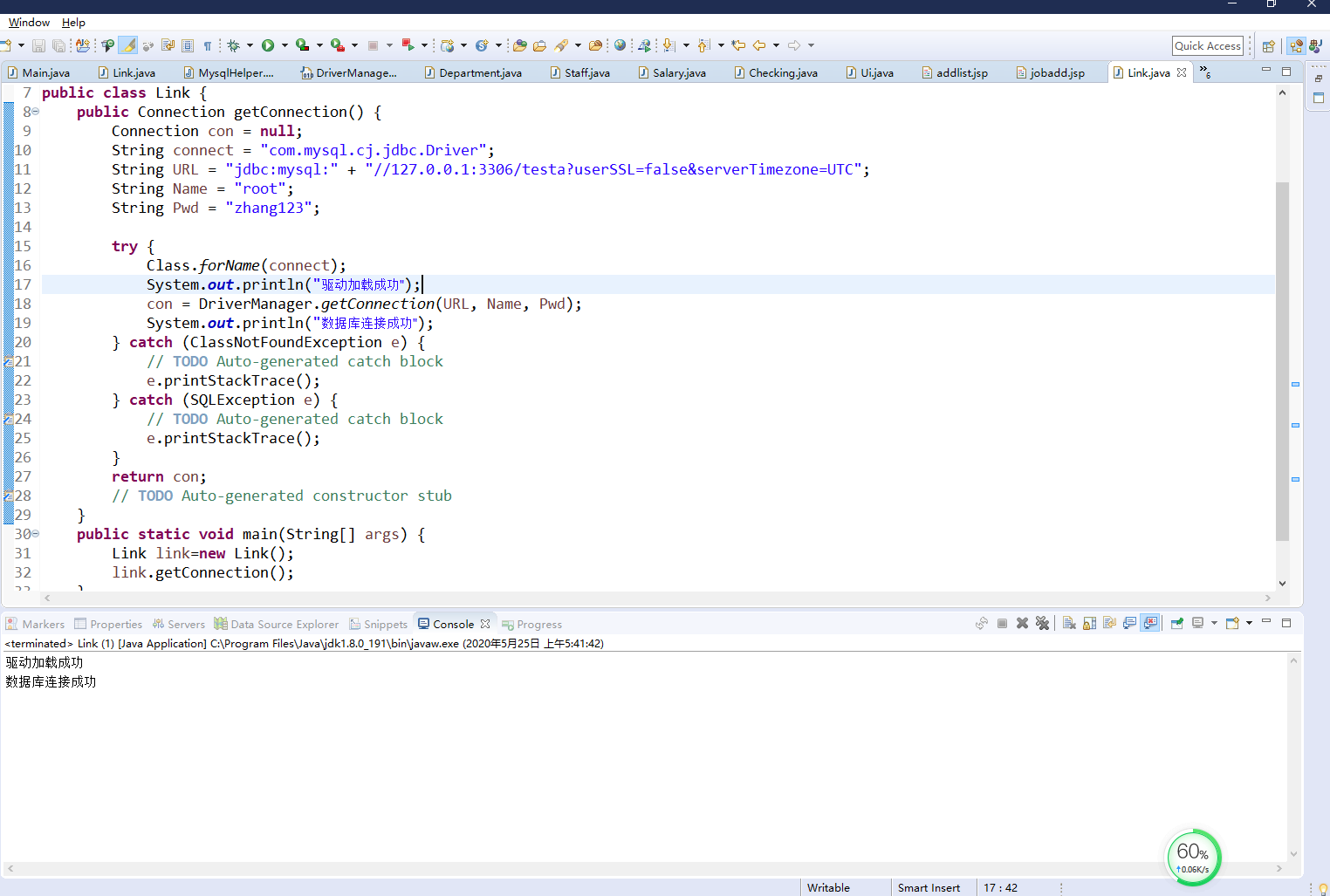
}

return flag;

}

}

**数据库连接成功**



**所需代码如图 相关文档在对应文本中**

# 

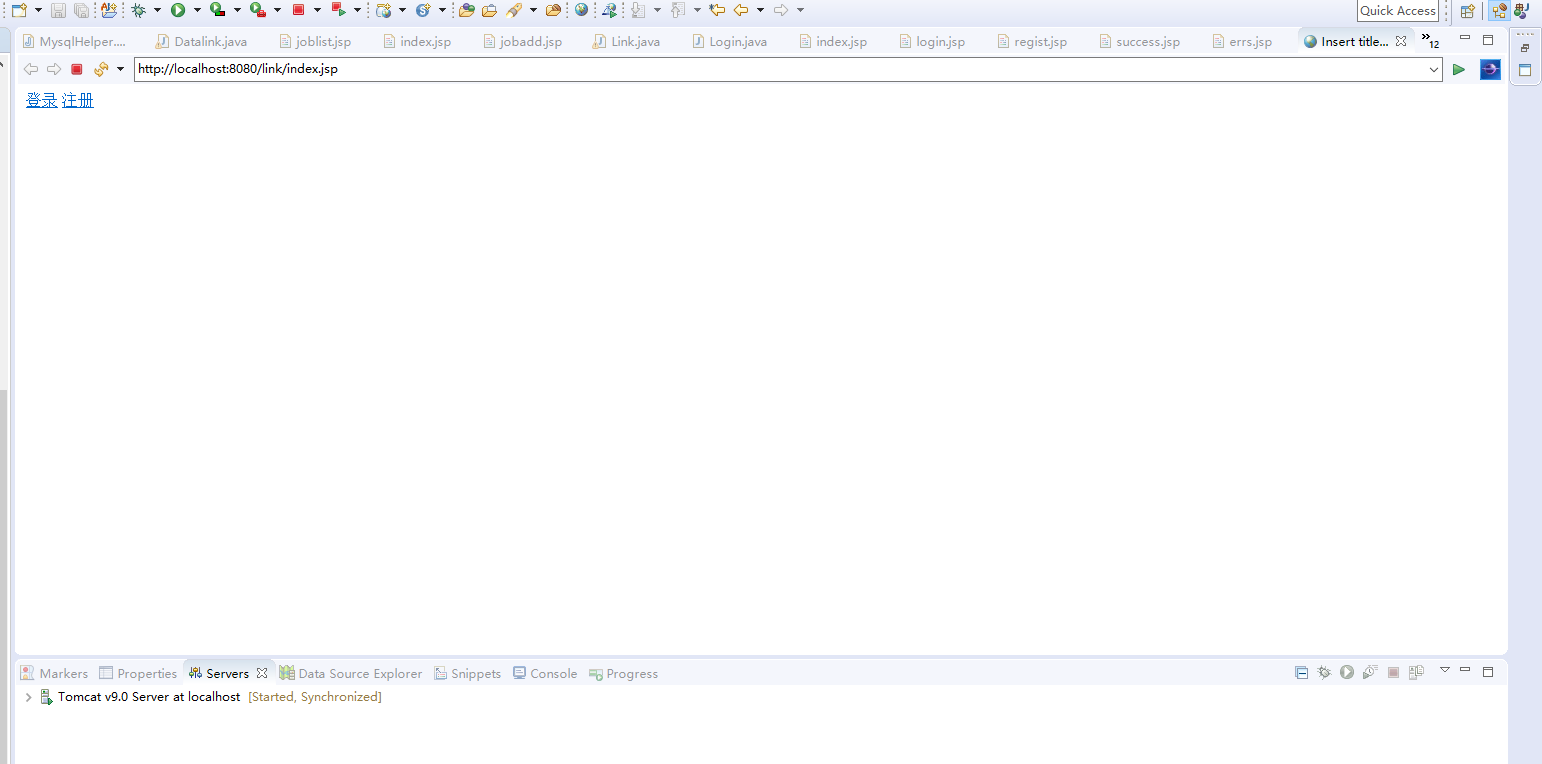
**程序编写完成后，用Eclipse 软件运行，检测程序设计结果，执行目标程序后得到如图所示结果：**

**1、**index

<body>

<a href=*"login.jsp"*>登录</a>

<a href=*"regist.jsp"*>注册</a>

</body

# Login

<%@page import=*"link.Link"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"login.jsp"* method=*"post"*>

<label>账号</label>

<input type=*"text"* name=*"username"* />

<br />

<label>密码</label>

<input type=*"password"* name=*"pwd"* />

<br />

<br />

<input type=*"submit"* value=*"登录"* />

</form>

<%

request.setCharacterEncoding("utf-8");

String id=request.getParameter("username");

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

**if**(id!=**null**){

**if**(pwd!=**null**){

Link link=**new** Link();

**if**(link.loginstudent(link.getConnection(), id, pwd)){

response.sendRedirect(request.getContextPath()+"/update.jsp");

}**else**{

response.sendRedirect(request.getContextPath()+"/errs.jsp");

}

}

}

%>

</body>

</html>

# 3、Regist注册

<%@page import=*"link.Link"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"regist.jsp"* method=*"post"*>

<label>账号</label>

<input type=*"text"* name=*"username"* />

<br />

<label>密码</label>

<input type=*"password"* name=*"pwd"* />

<br />

<label>名字</label>

<input type=*"text"* name=*"lname"* />

<br />

<input type=*"submit"* value=*"注册"* />

</form>

<%

request.setCharacterEncoding("utf-8");

String id=request.getParameter("username");

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

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

**if**(id!=**null**){

**if**(pwd!=**null** && name !=**null**){

Link link=**new** Link();

**if**(link.addlist(link.getConnection(), id, pwd, name)){

response.sendRedirect(request.getContextPath()+"/success.jsp");

}**else**{

response.sendRedirect(request.getContextPath()+"/errs.jsp");

}

}

}

%>

</body>

</html>

# Success

<body>

成功

</body>

# errs

<body>

失败

</body>

# update

<%@page import=*"link.Link"*%>

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>输入账号来修改对应密码</title>

</head>

<body>

<form action=*"update.jsp"* method=*"post"*>

<label>账号</label>

<input type=*"text"* name=*"username"* />

<br />

<label>密码</label>

<input type=*"password"* name=*"pwd"* />

<br />

<br />

<input type=*"submit"* value=*"提交"* />

</form>

<%

request.setCharacterEncoding("utf-8");

String id=request.getParameter("username");

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

**if**(id!=**null**){

**if**(pwd!=**null**){

Link link=**new** Link();

**if**(link.updaInfo(link.getConnection(), id, pwd)){

response.sendRedirect(request.getContextPath()+"/success.jsp");

}**else**{

response.sendRedirect(request.getContextPath()+"/errs.jsp");

}

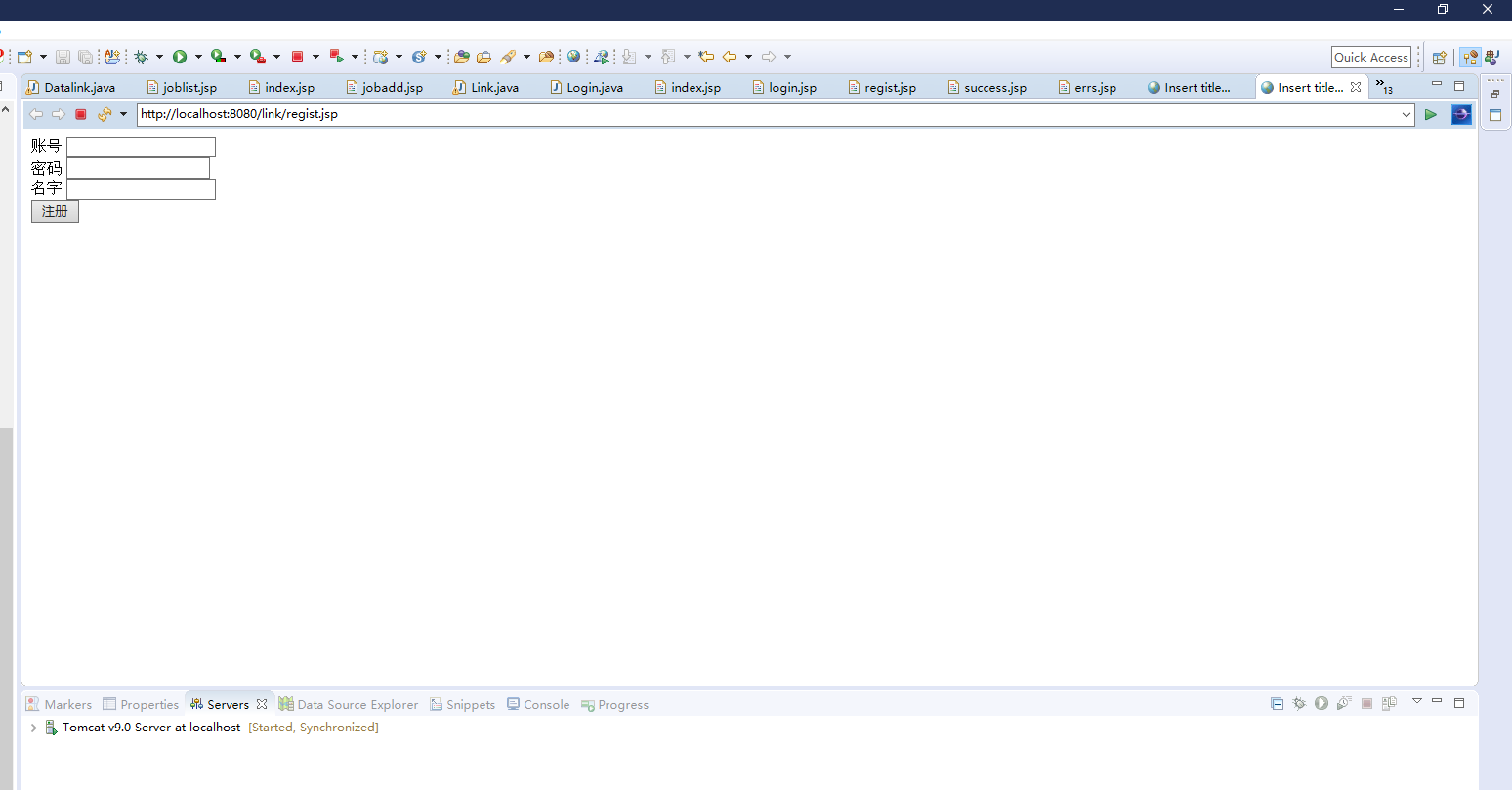
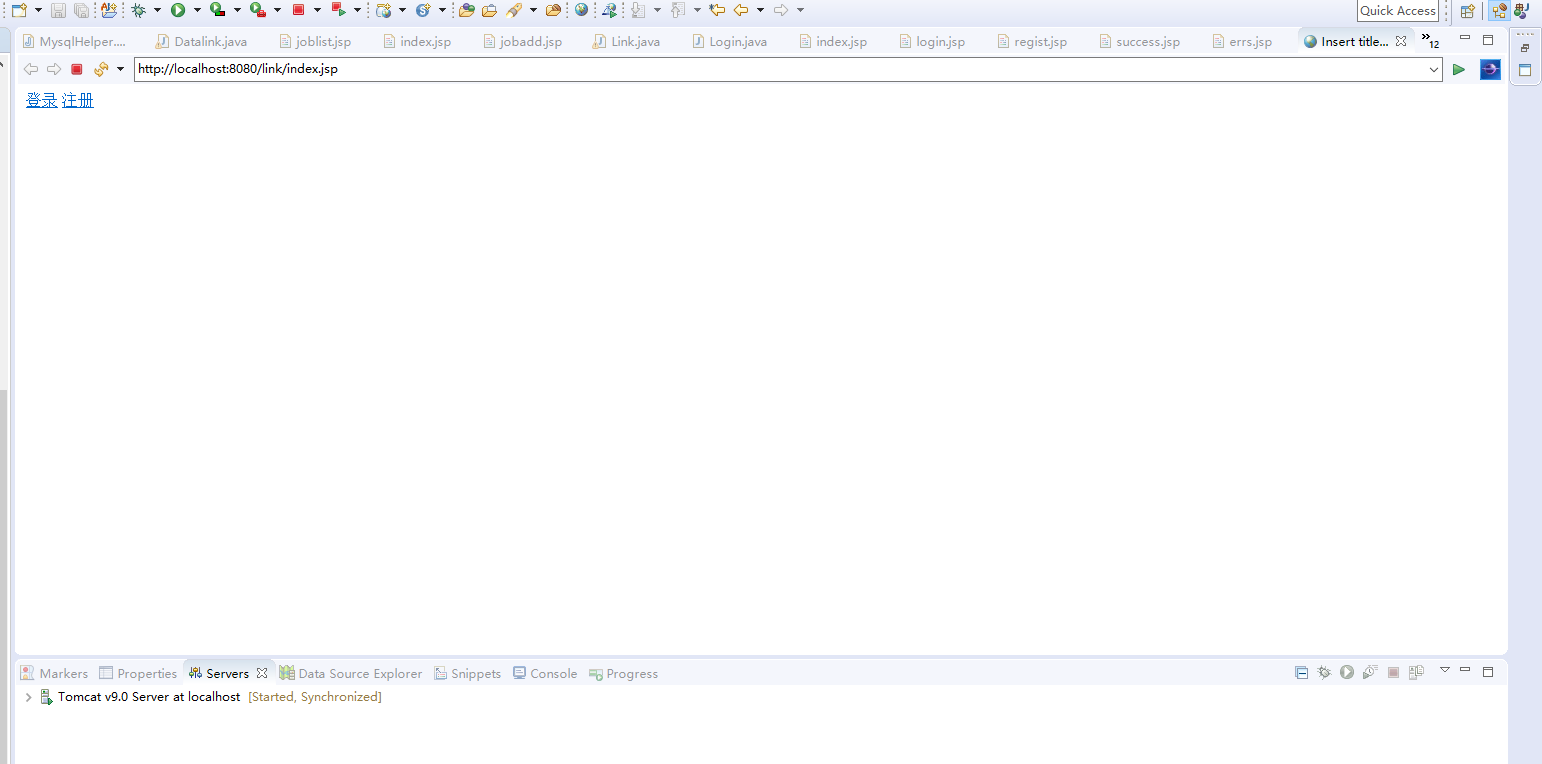
}

}

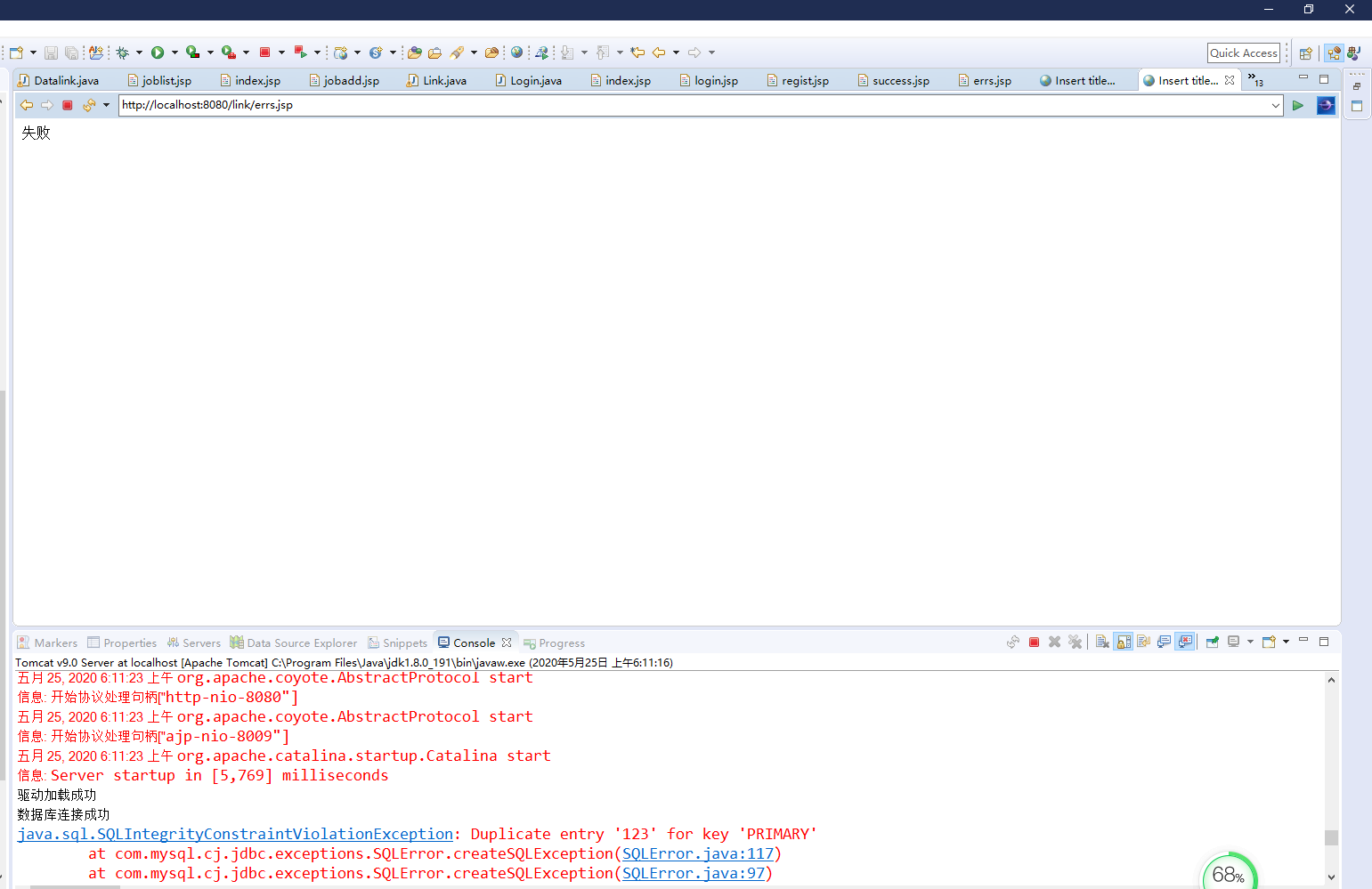
%>

</body>

</html>



失败



登入成功