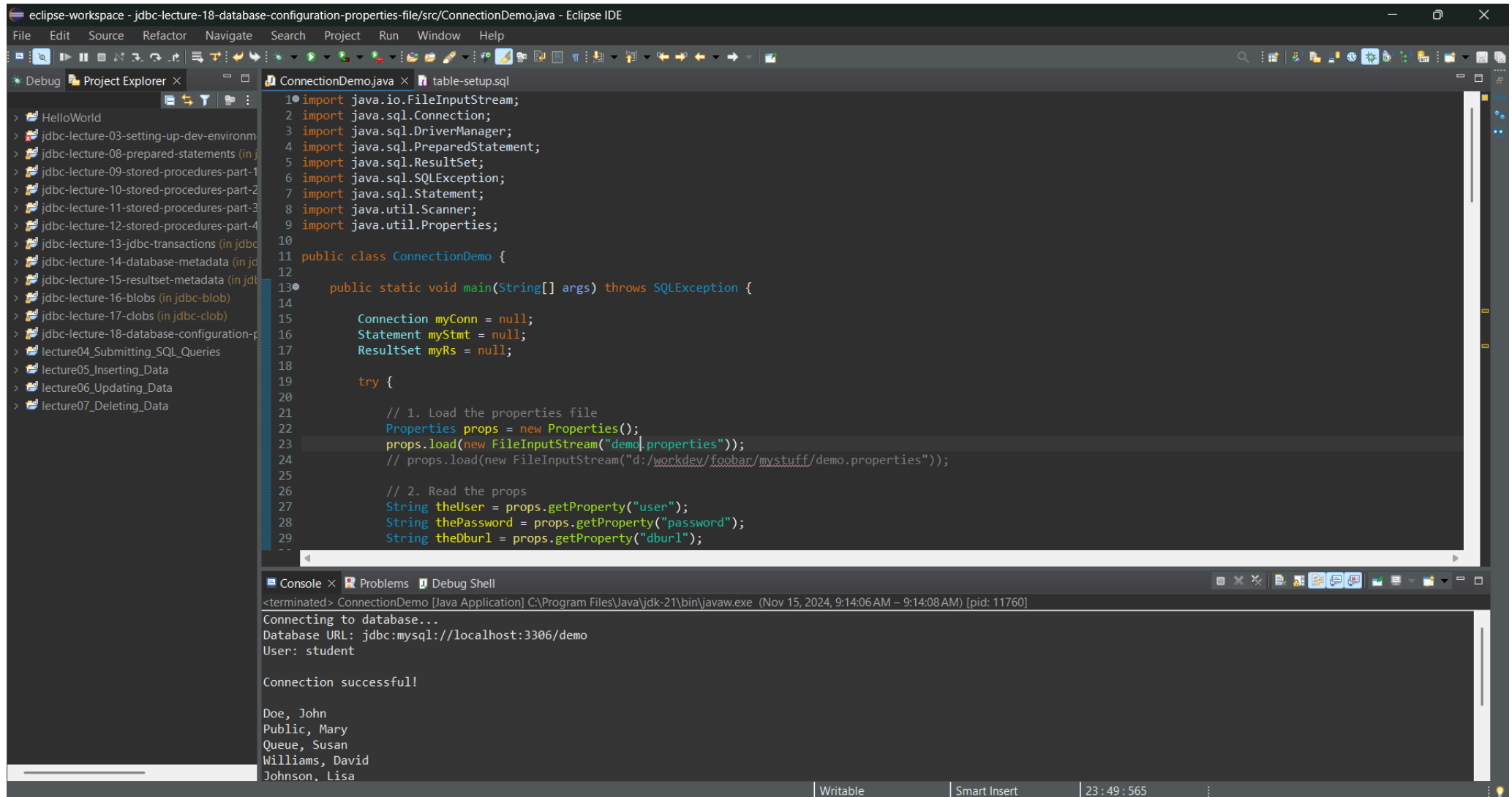


# Lecture 18\_Database Configuration

## Connection Demo



The screenshot shows the Eclipse IDE interface. The title bar reads "eclipse-workspace - jdbc-lecture-18-database-configuration-properties-file/src/ConnectionDemo.java - Eclipse IDE". The menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, and Help. The toolbar contains various icons for file operations and development tools. The Project Explorer on the left shows a project structure with folders for different lectures, including "jdbc-lecture-18-database-configuration-properties-file". The main editor displays the code for "ConnectionDemo.java".

```
1 import java.io.FileInputStream;
2 import java.sql.Connection;
3 import java.sql.DriverManager;
4 import java.sql.PreparedStatement;
5 import java.sql.ResultSet;
6 import java.sql.SQLException;
7 import java.sql.Statement;
8 import java.util.Scanner;
9 import java.util.Properties;
10
11 public class ConnectionDemo {
12
13     public static void main(String[] args) throws SQLException {
14
15         Connection myConn = null;
16         Statement myStmt = null;
17         ResultSet myRs = null;
18
19         try {
20
21             // 1. Load the properties file
22             Properties props = new Properties();
23             props.load(new FileInputStream("demo.properties"));
24             // props.load(new FileInputStream("d:/workdev/foobar/mystuff/demo.properties"));
25
26             // 2. Read the props
27             String theUser = props.getProperty("user");
28             String thePassword = props.getProperty("password");
29             String theDburl = props.getProperty("dburl");
30         }
31     }
32 }
```

The Console window at the bottom shows the output of the program:

```
<terminated> ConnectionDemo [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (Nov 15, 2024, 9:14:06 AM – 9:14:08 AM) [pid: 11760]
Connecting to database...
Database URL: jdbc:mysql://localhost:3306/demo
User: student

Connection successful!

Doe, John
Public, Mary
Queue, Susan
Williams, David
Johnson, Lisa
```