

Introduction to Java

CS9053

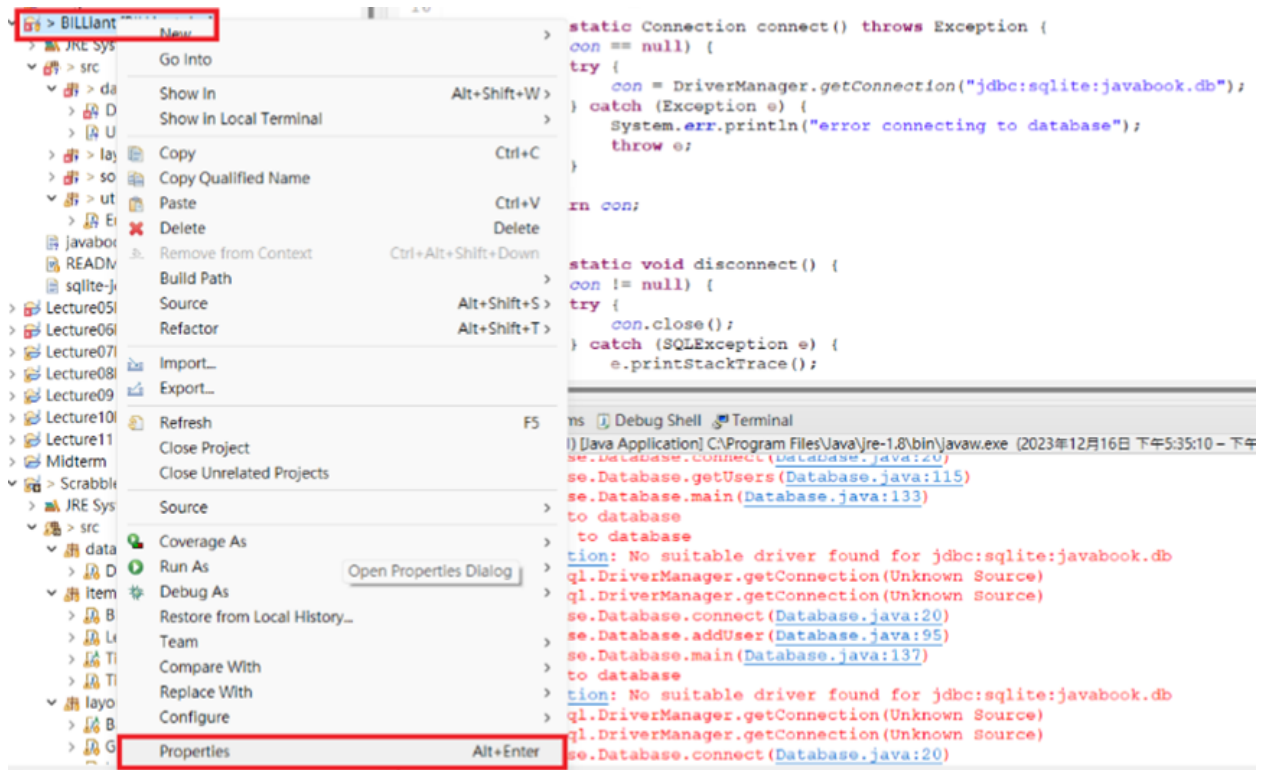
Java Final Project

tc3930, ec4993

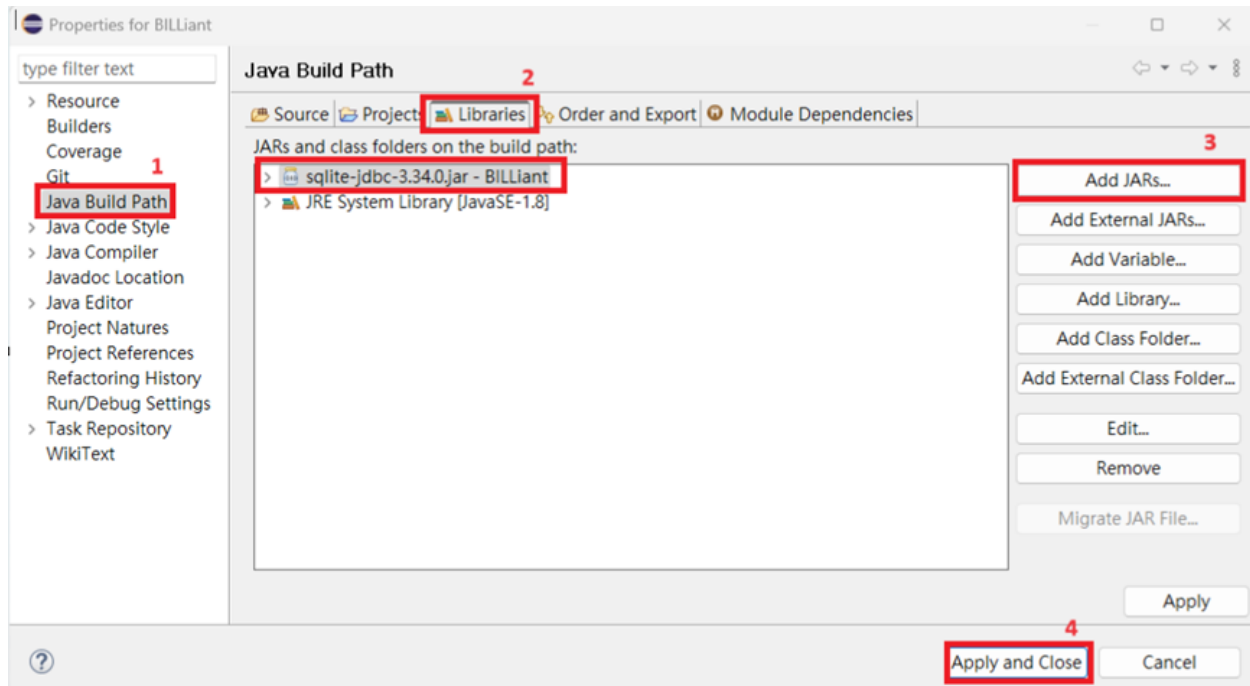
Tzu-Yi Chang, Estella Chang

BILLiant: This is an application for managing joint expenses between pairs of people.

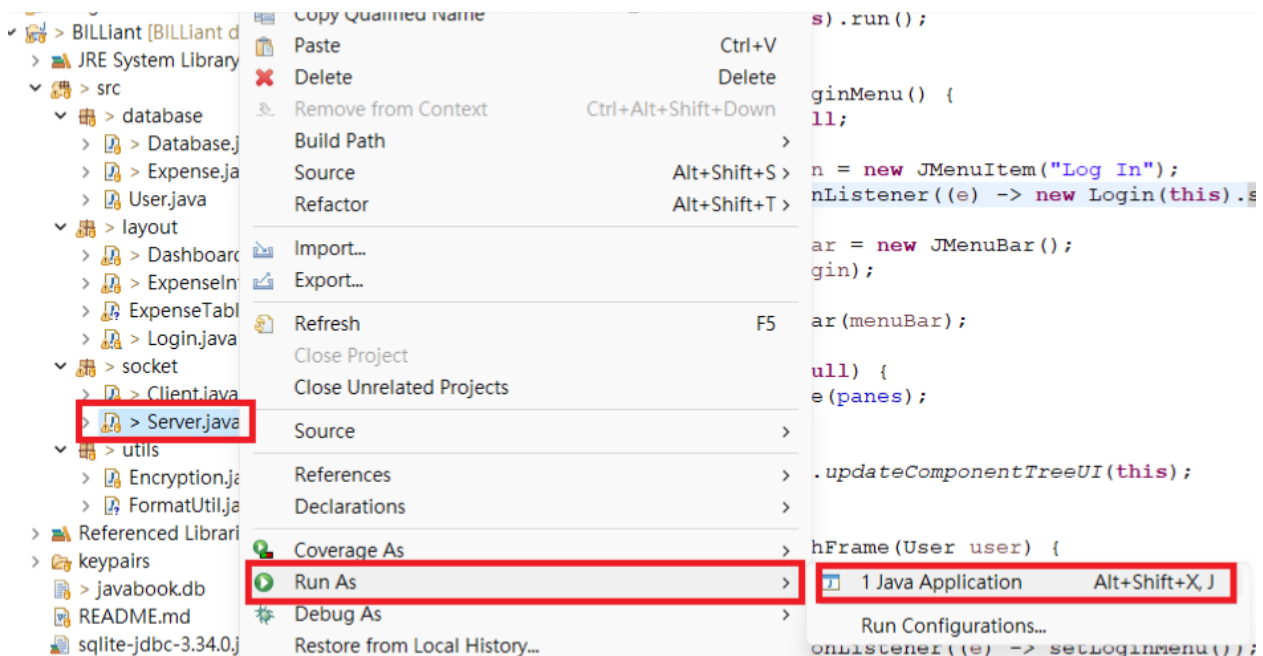
- Add SQLite dependencies to the project
 - a. Right click on the project. Click into the “Properties”.



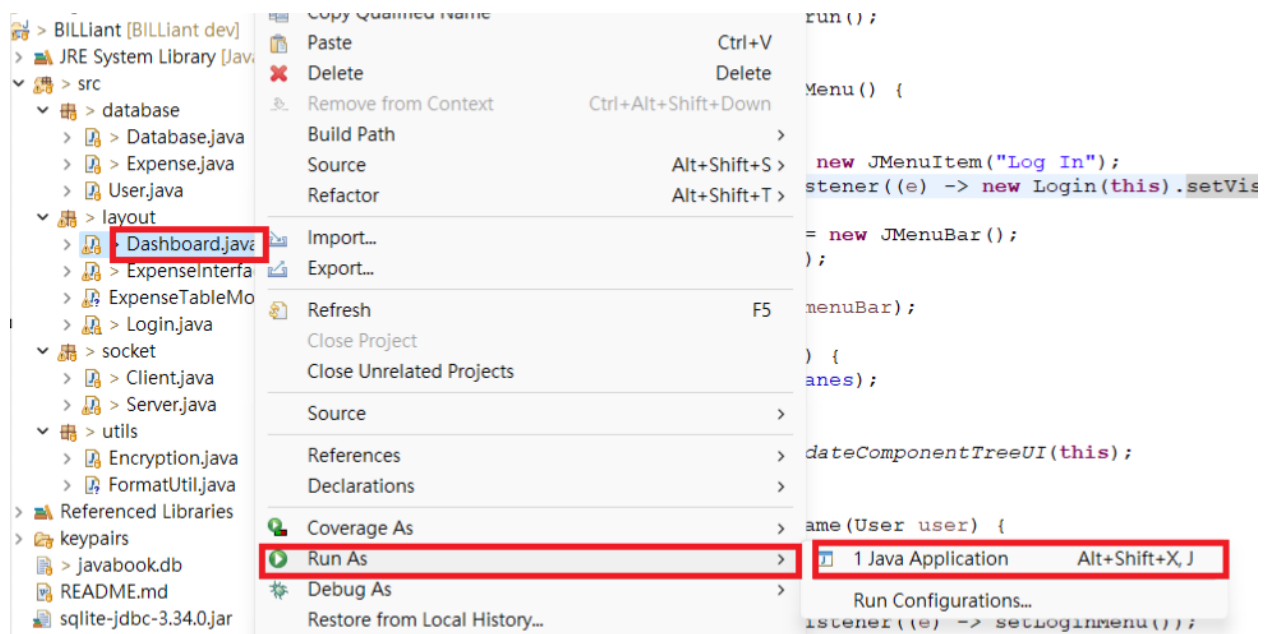
- b. Follow the steps to add the SQLite database's JAR file into the project.



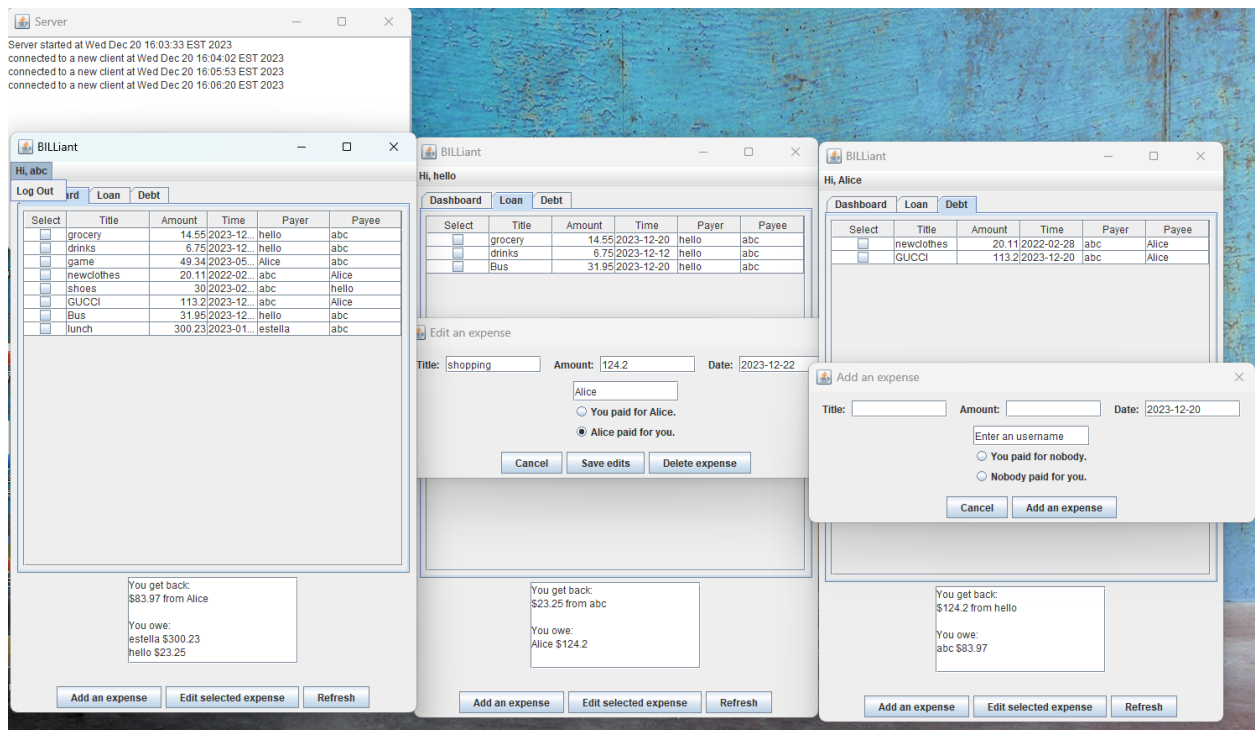
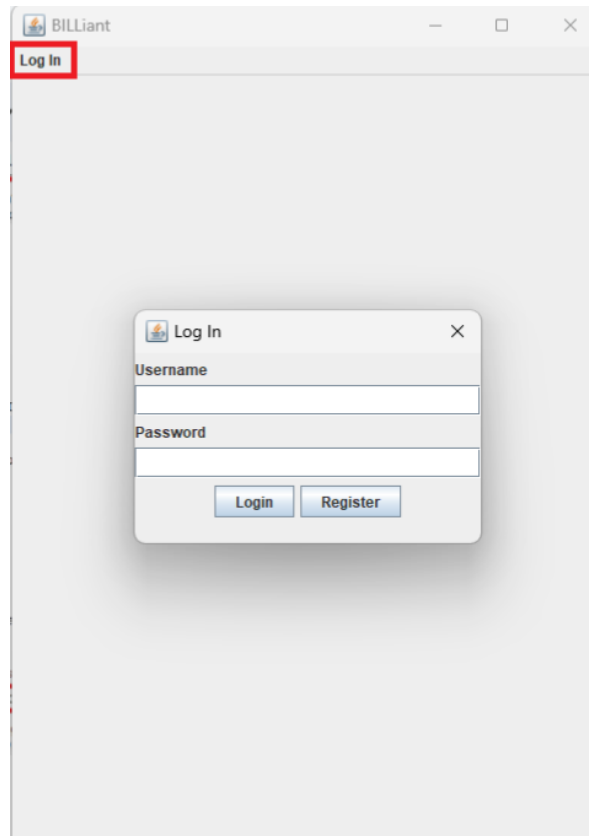
- Start the application
 - a. First, right click "src/socket/Server.java" and run as a Java Application.



- b. Then, right click "src/layout/Dashboard.java" and run as a Java Application.



- c. Hit “Log In” and enter username and password. Some sample users and their passwords are:
1. abc/abc
 2. hello/world
 3. Alice/hialice
- or use the “Register” button to create new accounts. All accounts are identified by their username. The server supports concurrent accesses, so multiple Dashboards can be initialized at the same time with different users.



- Interface

- a. Upon logging in, the main dashboard page displays all of the user's transactions. Users can switch between "Debt" and "Loan" views to see money that they have lent out and money that they owe to others. The bottom of the page displays information on the total amount of money owed and lent out by the user.
- b. When adding an expense, users will be able to choose whether they are paying for it or whether the other user (needs to be a registered user) is paying for it.
- c. Each row of the displayed data can be selected and edited with a button, which brings up a screen prefilled with the current expense's details. From this screen, users can make changes or delete the expense entirely.
- d. The refresh button allows users to update their view of the data, bringing in any local and server changes.