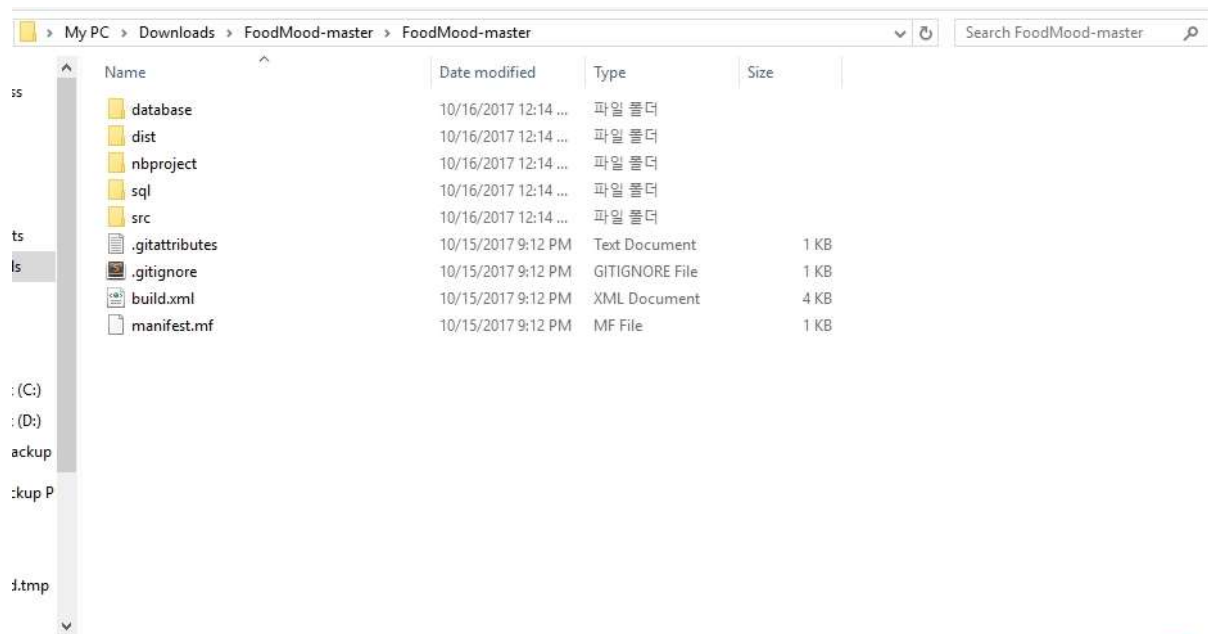
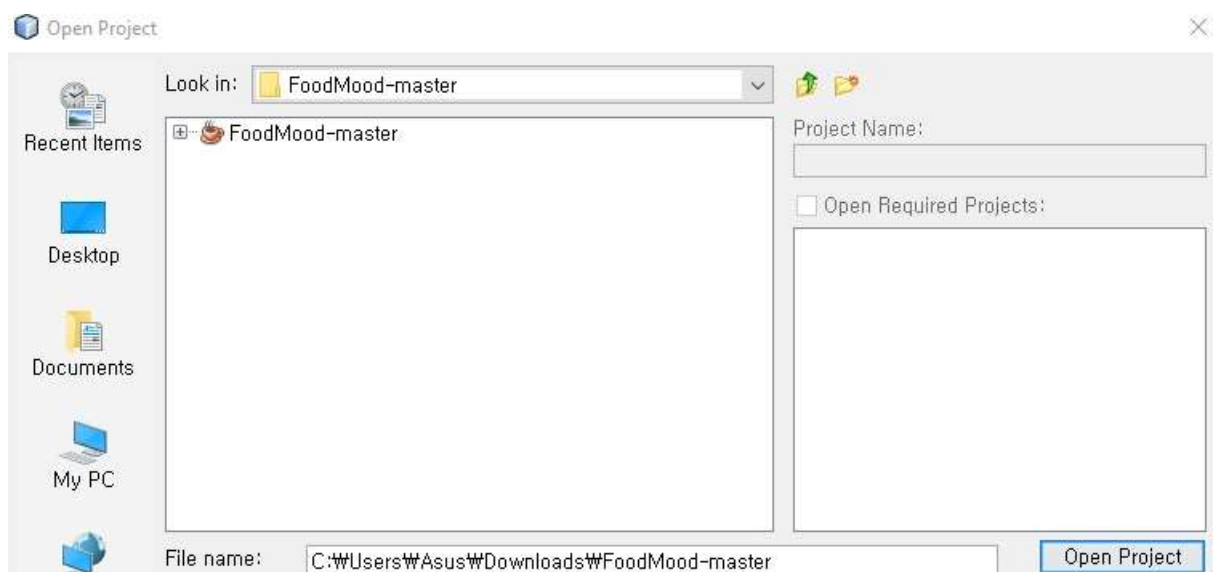


1. Your project folder will look similar to the image below.

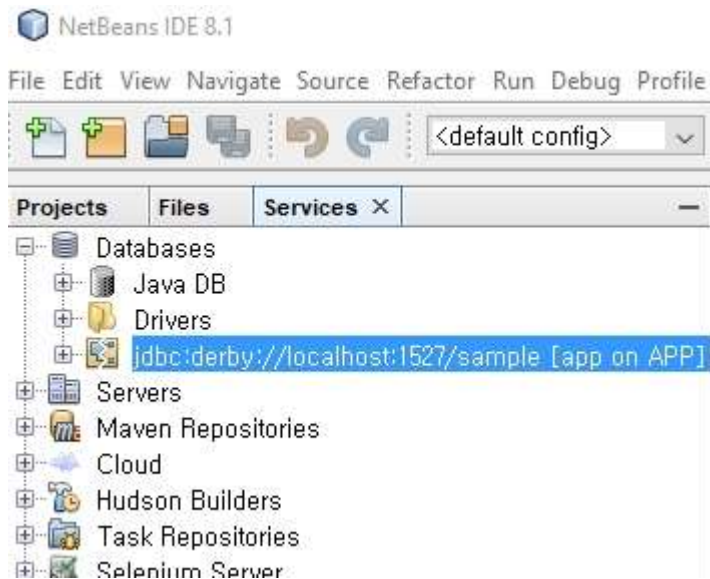


2. Open Netbeans, and Go to File -> Open Project

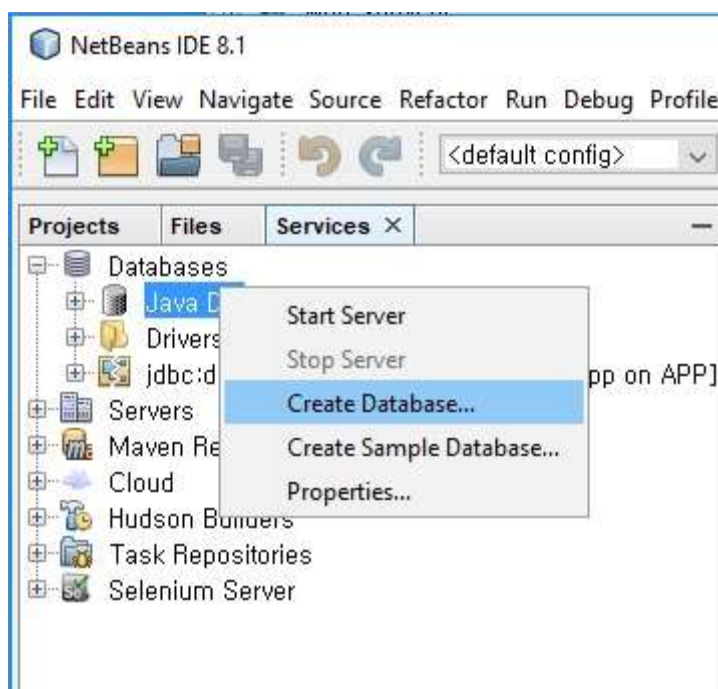


3. Go to the directory of the project (unzipped zip file or GitHub folder), locate a Coffee icon and click "Open Project" button in the bottom right corner.

NOTE: Make sure you add all .jar files in "external libraries" folder to the project if build project fails.



4. Go to Services tab, and there will be a section that says Databases and a subsection called Java DB.

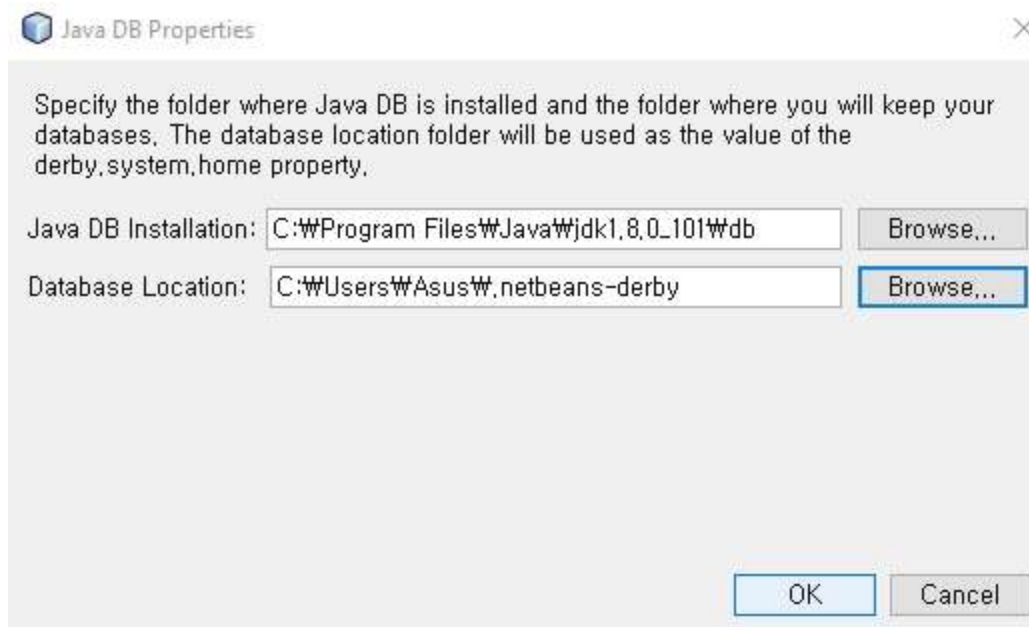


5. Right click Java DB and click "Create Database..."
6. A screen that looks like an image below will pop up. Click "Properties" button.



The "Create Java DB Database" dialog box contains the following fields and controls:

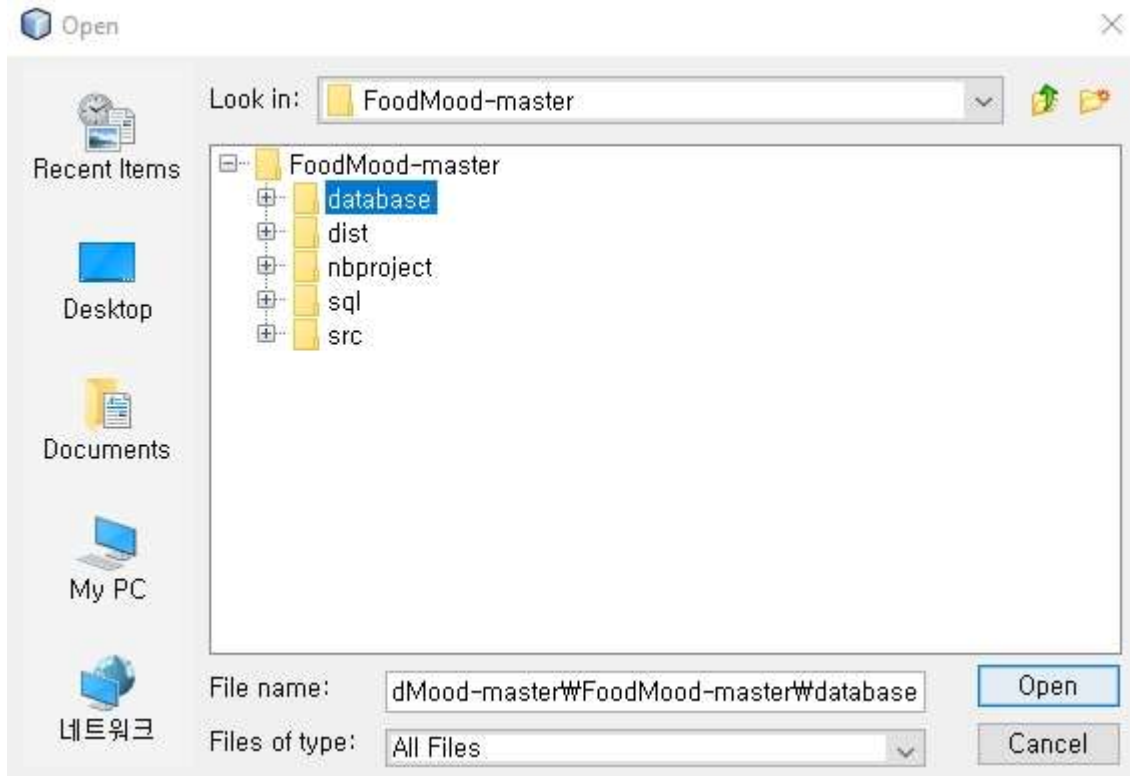
- Database Name:** An empty text input field.
- User Name:** An empty text input field.
- Password:** An empty text input field.
- Confirm Password:** An empty text input field.
- Database Location:** A text field containing the path `C:\Users\Asus\netbeans-derby`.
- Properties...** button located to the right of the Database Location field.
- Information icon and message:** A blue 'i' icon followed by the text "Please enter the database name,".
- OK** and **Cancel** buttons at the bottom right.



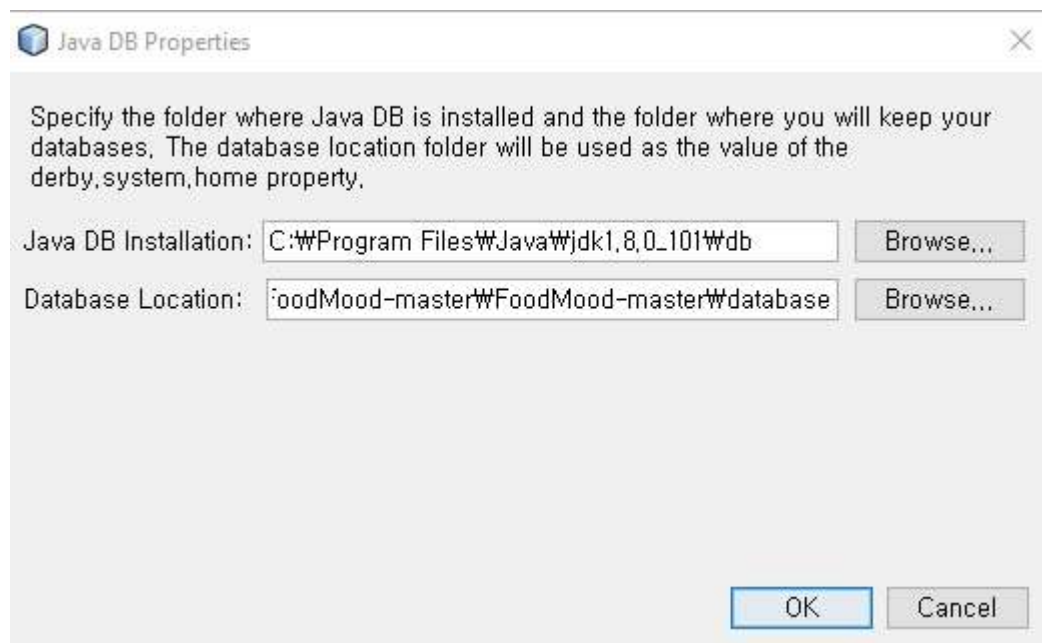
The "Java DB Properties" dialog box contains the following fields and controls:

- Instructions:** "Specify the folder where Java DB is installed and the folder where you will keep your databases. The database location folder will be used as the value of the derby.system.home property."
- Java DB Installation:** A text field containing the path `C:\Program Files\Java\jdk1.8.0_101\db`.
- Database Location:** A text field containing the path `C:\Users\Asus\netbeans-derby`.
- Browse...** buttons next to both the Java DB Installation and Database Location fields.
- OK** and **Cancel** buttons at the bottom right.

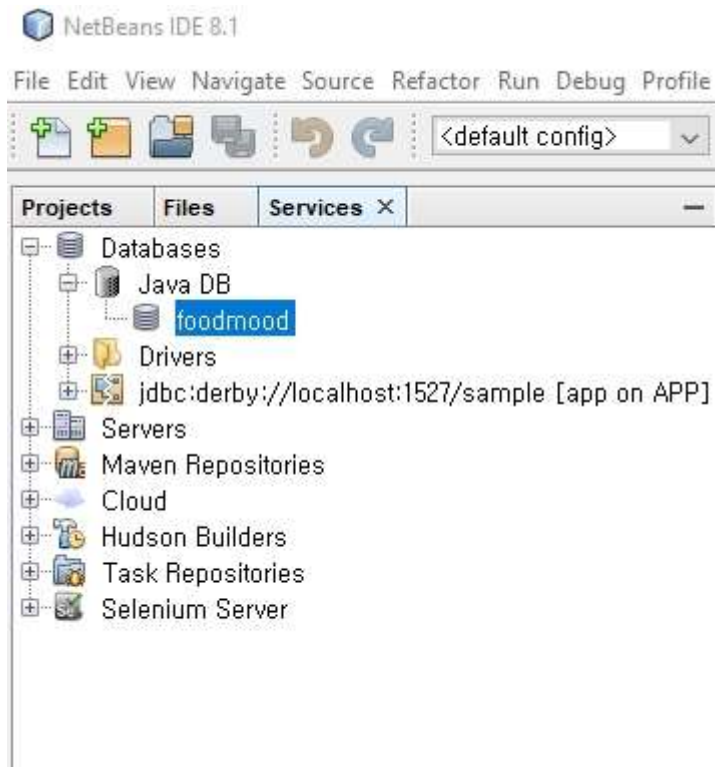
7. Make sure your jdk folder is the right path and click the bottom "Browse" button next to "Database Location:" label.



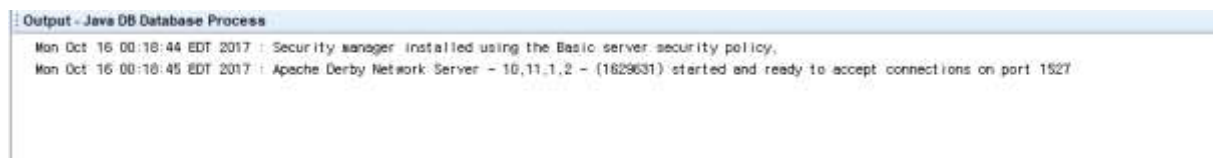
8. You will be prompted to select a folder. Go to the project folder -> FoodMood -> and select folder "database" and click button "Open".



9. After selecting the folder, click "Ok"



In the "Services" tab, you will notice that a new database "foodmood" has been added. Press "Cancel" to close current window.



10. Right click database "foodmood" and press "Connect". You will be connected to the database and the database set up is done.



11. You will now be able to run the project and test it out.

## Error Handling

### 1. ClassNotFoundException

```
run:
Login Window Initialized
Error occurred: java.lang.ClassNotFoundException: org.apache.derby.jdbc.ClientDriver
Closing program due to database connection error
BUILD SUCCESSFUL (total time: 0 seconds)
```

This means that the necessary JAR files are not added to the Netbeans project.

Right click "Libraries" folder under project "FoodMood", Click label "Add JAR/Folder", go to "external libraries" folder in the downloaded project folder and select all .jar files and click "Open"

