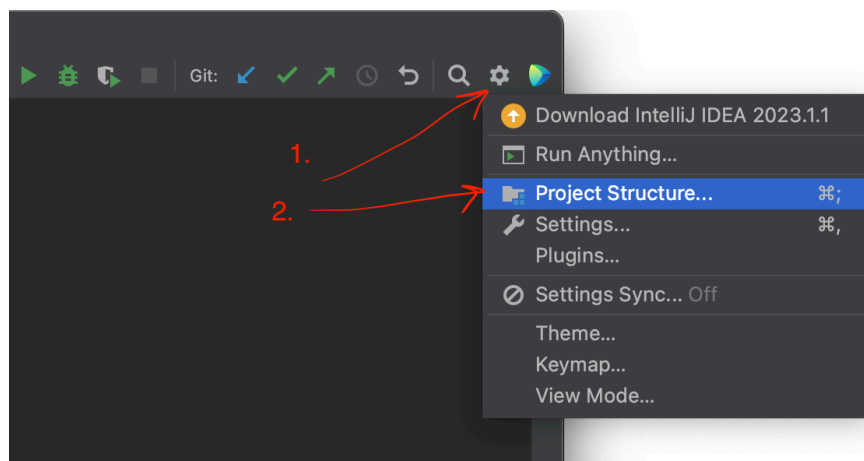


Hello dear user!

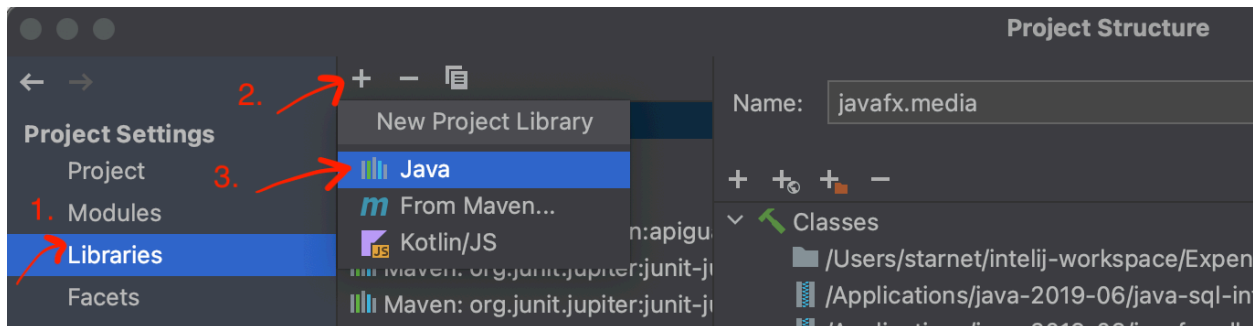
This document should be helpful in providing information on How To Install/ Start Your Personal Expense Consultant Desktop Application ("the App") on your computer.

Essentially, you will need to follow just a few steps:

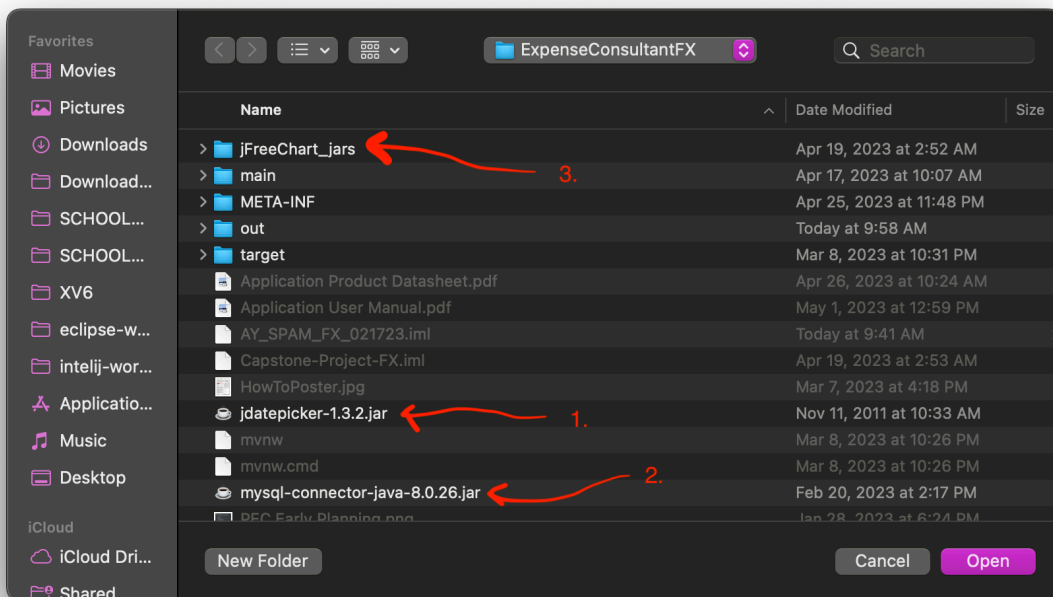
1. Install MySQL database server on your computer. There are instruction videos and guides everywhere on Google or YouTube. This is a link to the latest MySQL installation guide: <https://dev.mysql.com/doc/mysql-installation-excerpt/8.0/en/> Keep in mind this link may change over time, but you can always search the Internet for some up-to-date instructions. When setting this up, you will need to create a user name and password for your access to any database you'll add in the future. Remember the user name and password—we will need them.
2. To compile the App code, you will need some Java IDE, like Eclipse or IntelliJ. Please, refer to the Internet search for this, too.
3. Once everything in place, you will need to add certain external libraries (.jar files) to your Project build, inside the IDE. For instance, in IntelliJ, this is the sequence of action:



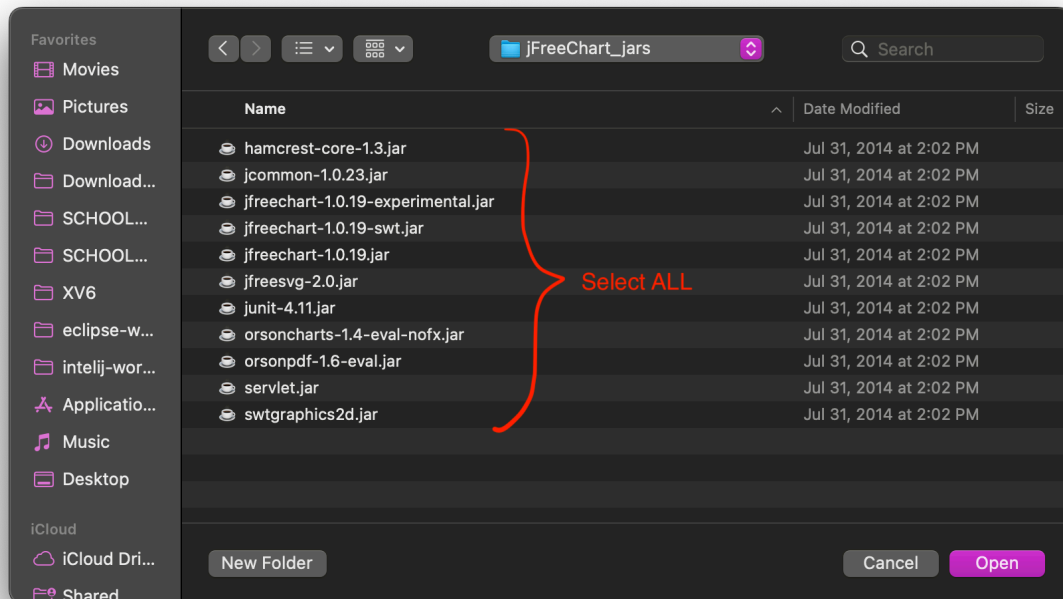
Click Settings wheel and select Project Structure.



In the new window, click Libraries, then +, then Java.



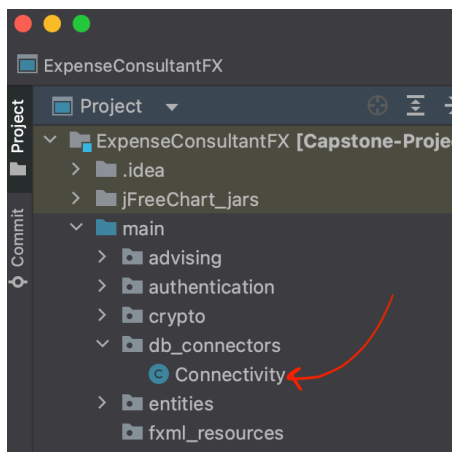
First, select and open (=add) jdatepicker-1.3.2.jar file. Then repeat the process by clicking +, then Java again, to get to the same dialog window, and add mysql-connector-java-8.0.26.jar file. Then repeat for a third time and this time click the jFreeChart jars folder.



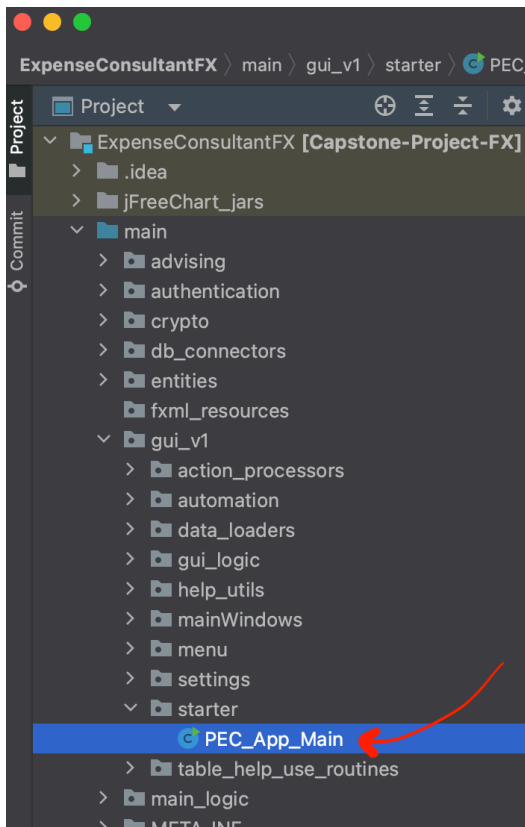
Select all items and click open, to add all of these files. You should be back in the Project Structure window, with all additions in place. On the bottom-right side of the window click Apply, then OK.

All your external .jar files have been added to the project.

4. Lastly, in your Project, find file Connectivity.java. Double-click it to open its source text. On the line 17 and 18, you'll find a user name USER and password PASS declared. Change the Strings inside the quotes to your respective user name and password of your MySQL database. E.g., if your user name is "John", change the "root" to "John". Do the same with password.



You're all set! Save the changes and run the App. (The App is run by running this file: main→gui_v1→starter→PEC_App_Main.java. So, all you have to do is open the PEC_App_Main.java file by double-clicking on it. Then, in the upper-right corner of the main window, click the green play button.)



For instructions how to use the app, please, refer to the Application User Manual included in the main folder of this source code on GitHub.

HAVE FUN! 😊

