

CS 520 Homework 4 Implementation & Debugging

Team members:

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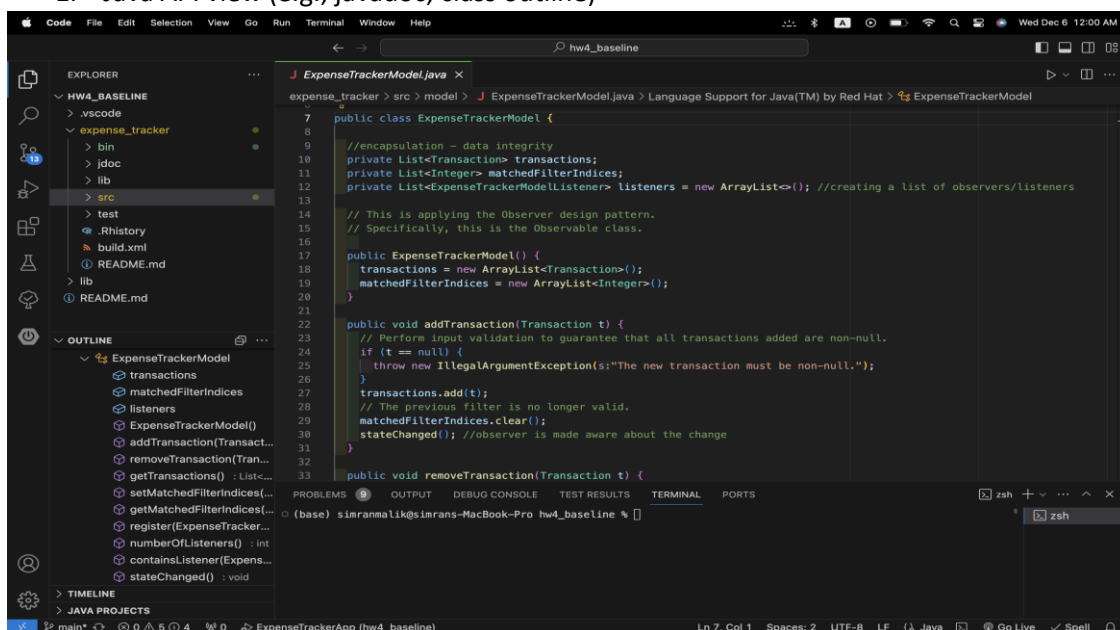
Debuggability: Debugger [Approximately 35 points]

You should select a Java Integrated Development Environment (e.g., Eclipse, VSC). In that environment, you should build the Expense Tracker app and then run the JUnit test runner for it. This should be in the graphical UI and not the command line UI. For the debugging, you should do the following:

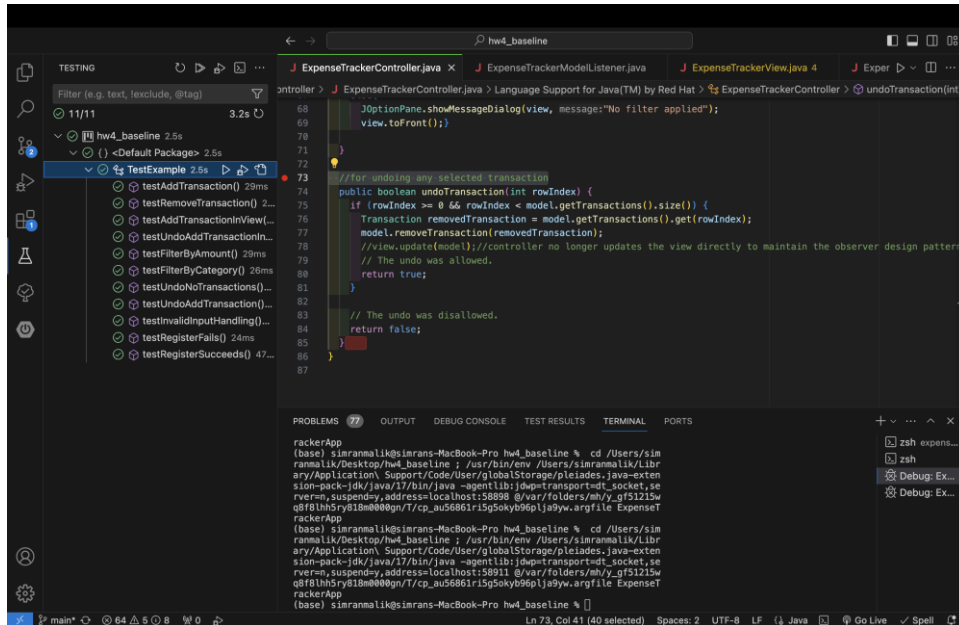
1. Add a breakpoint for the undo
2. In the Debugger, run the Expense Tracker App
3. Add a valid transaction
4. Undo the added transaction

Here are the five (5) screenshots that should be included:

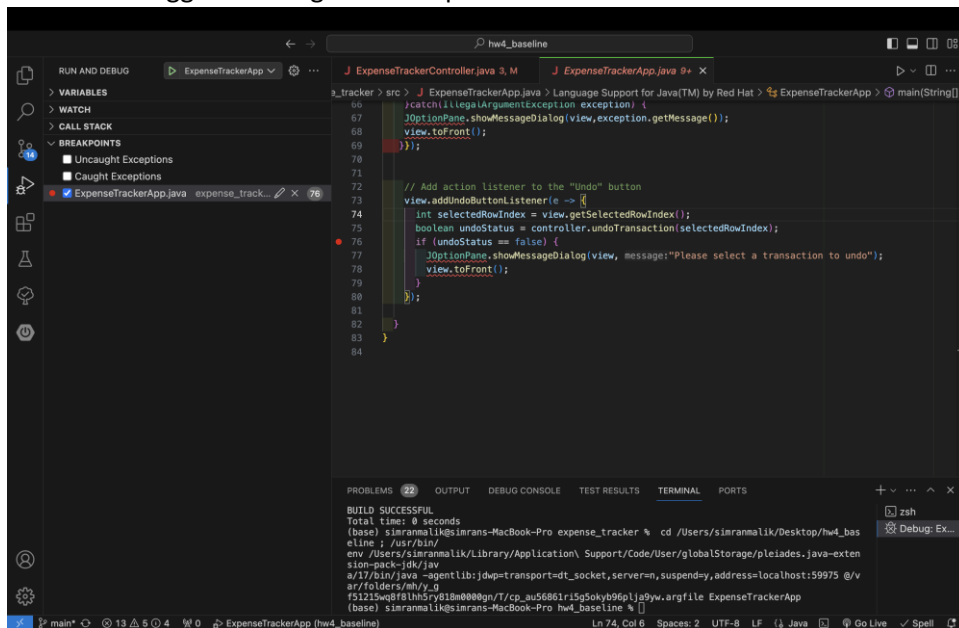
1. Java API view (e.g., javadoc, class outline)



2. JUnit test runner showing all of your test cases passing

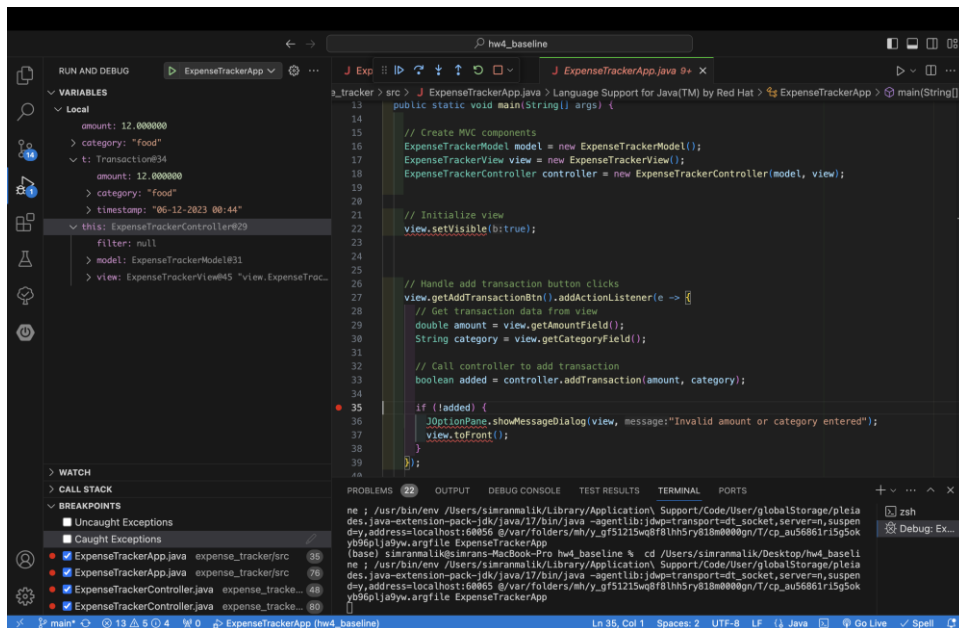


3. Debugger showing the breakpoint for the undo

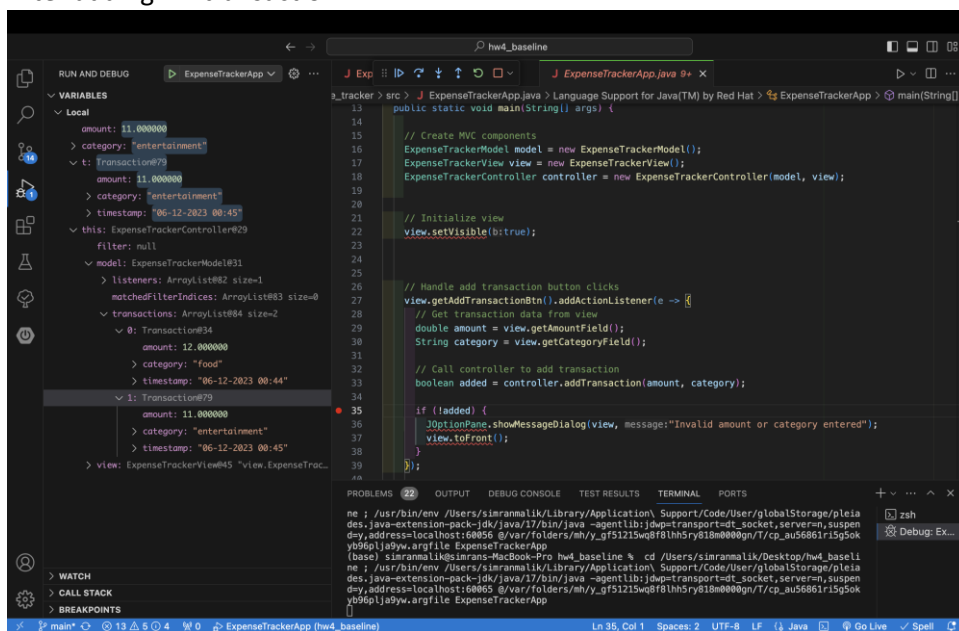


4. Debugger showing the program execution state (usually the variables view) after calling add transaction but before calling undo (show the model and/or UI widgets set appropriately)

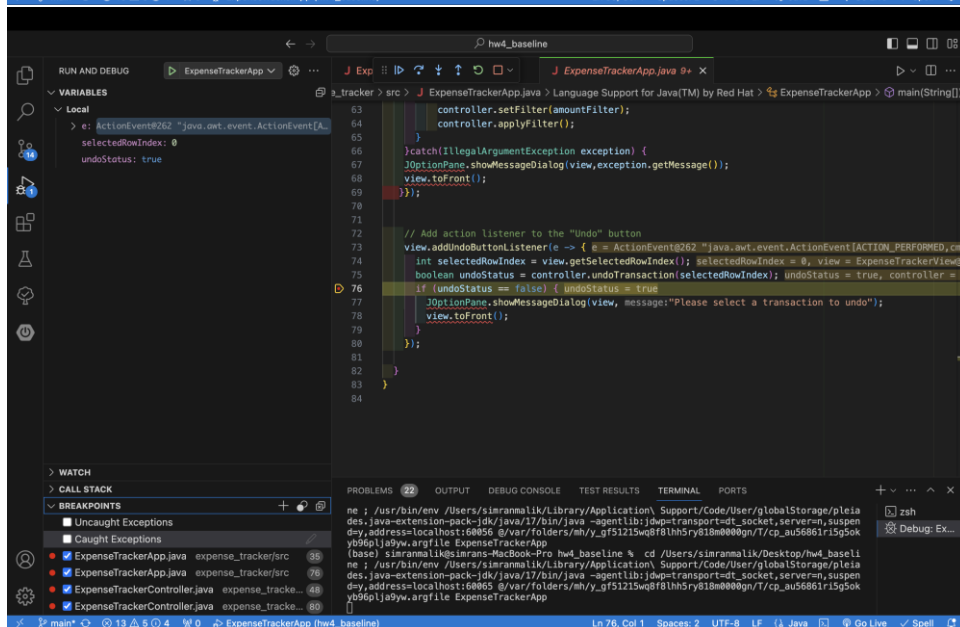
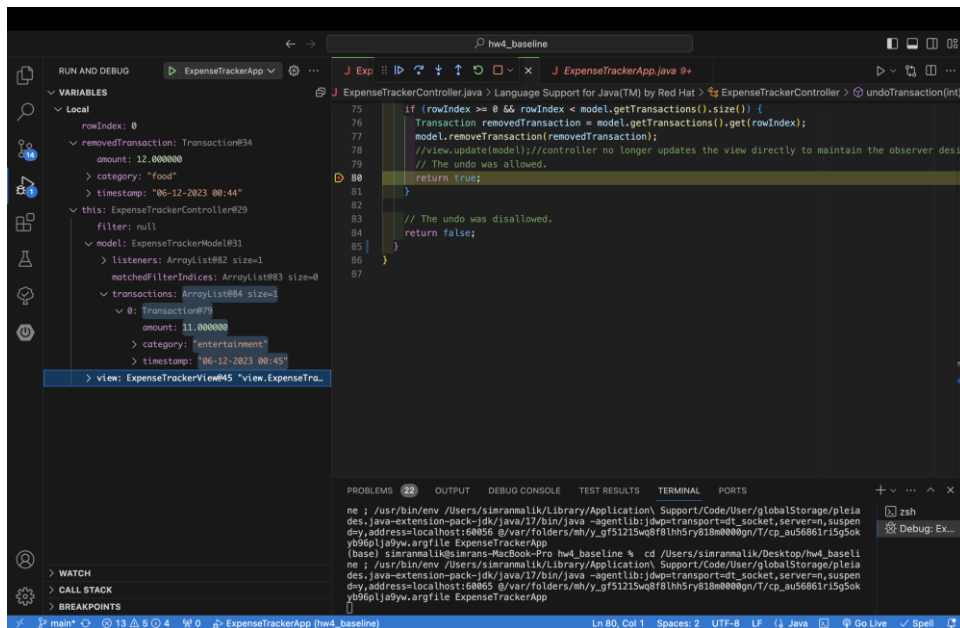
after adding 1st transaction:

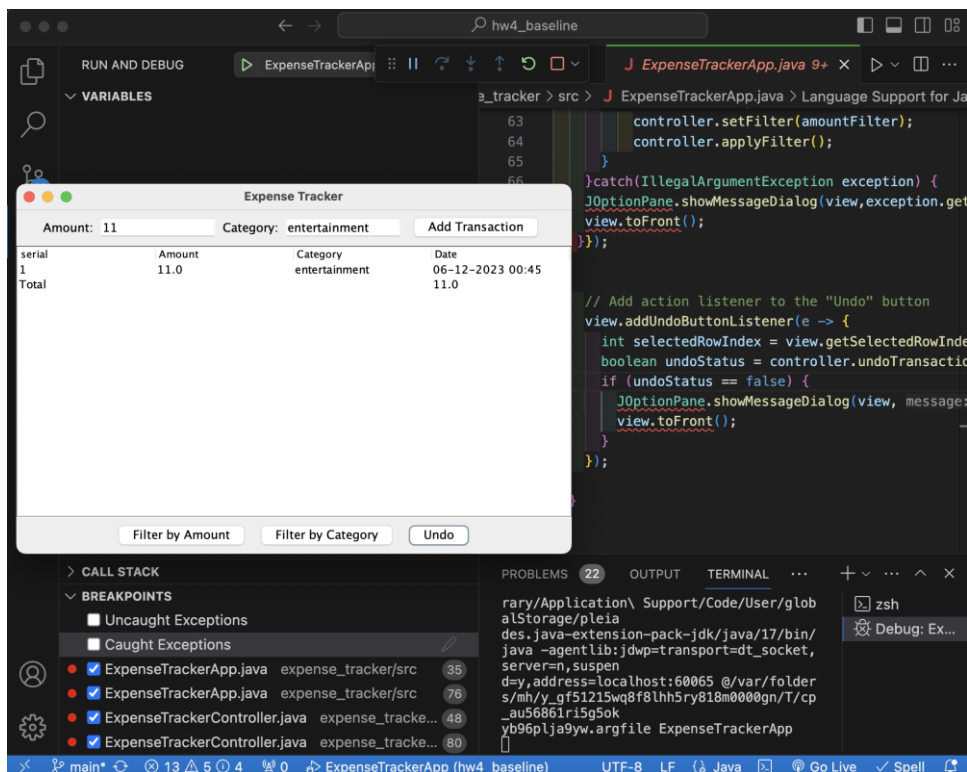


After adding 2nd transaction:



- Debugger showing the program execution state (usually the variables view) after calling the undo (show the model and/or UI widgets are empty again)





Note: Apart from the breakpoints in the ExpenseTrackerApp.java (after addTransaction method call and undoTransaction method call), I have also added 2 more breakpoints in the ExpenseTrackerControllerClass as well to inspect the components of the model call (transaction list) along with other fields