

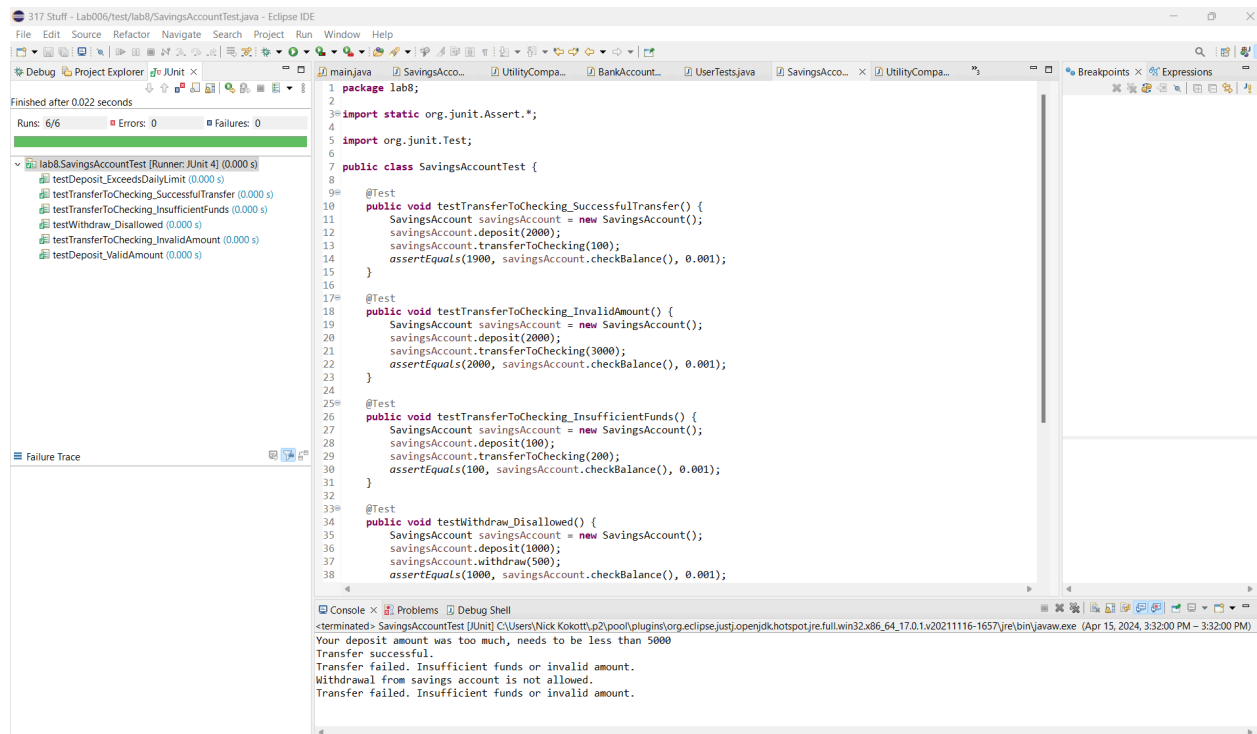
Test criteria of our savings account class are as follows:

Ensuring that money is transferred successfully and in correct amounts. Operations like withdraw should not be allowed.

For the test requirements:

The limits will be tested and ensure that they are not breaking. All called methods will end up performing the correct operation on the system.

Here are the tests performing properly:



As you can see the UI is outputting what it should be as well based on the tests that are given.

Moving onto the checking account tests

The test criteria of our checking account class are as follows:

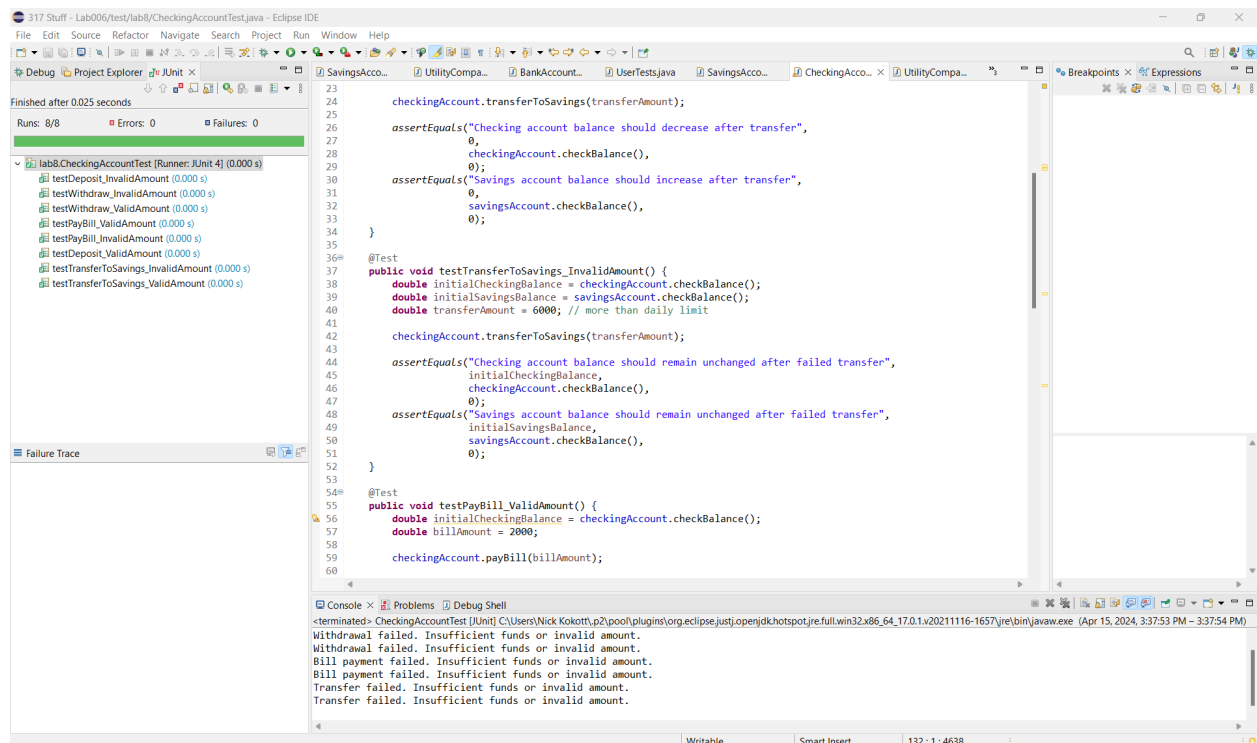
Money can be moved properly throughout the system and taken in and out with ease.

The test requirements for the checking account are:

The account will be tested to make sure only correct denominations are taken during execution.

The limits will be set in place and be tested during testing going above and below the given margins. As well as this the overall functionality of the system will be tested to ensure that the functions are tested properly.

Here are the tests performing as expected:



The UI here is outputting exactly what its supposed to be, as it is responding to the tests that are going above and below boundaries.

Moving onto the User tests

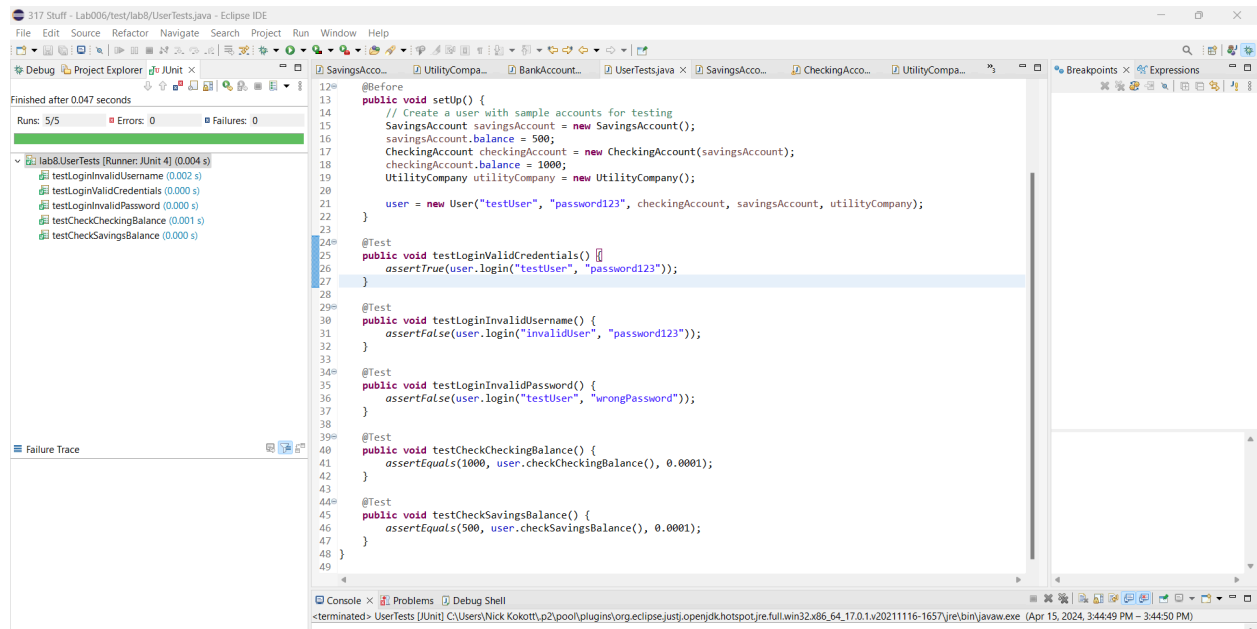
The test criteria of the user class are as follows:

Ensure that the user is who they say they are, and that they are able to access the needed data.

The test requirements of the user class are as follows:

The user's identity will be tested via username and password along with invalid inputs to ensure no one random can access the system. The logged in users are able to see and manipulate their checking, savings, and utilities accounts.

Here are the tests performing as anticipated:



There is minimal UI happening here as many of the user responses come from the main method being concurrently run when nurses are using the system for real.

Finally moving onto the Utility Company class

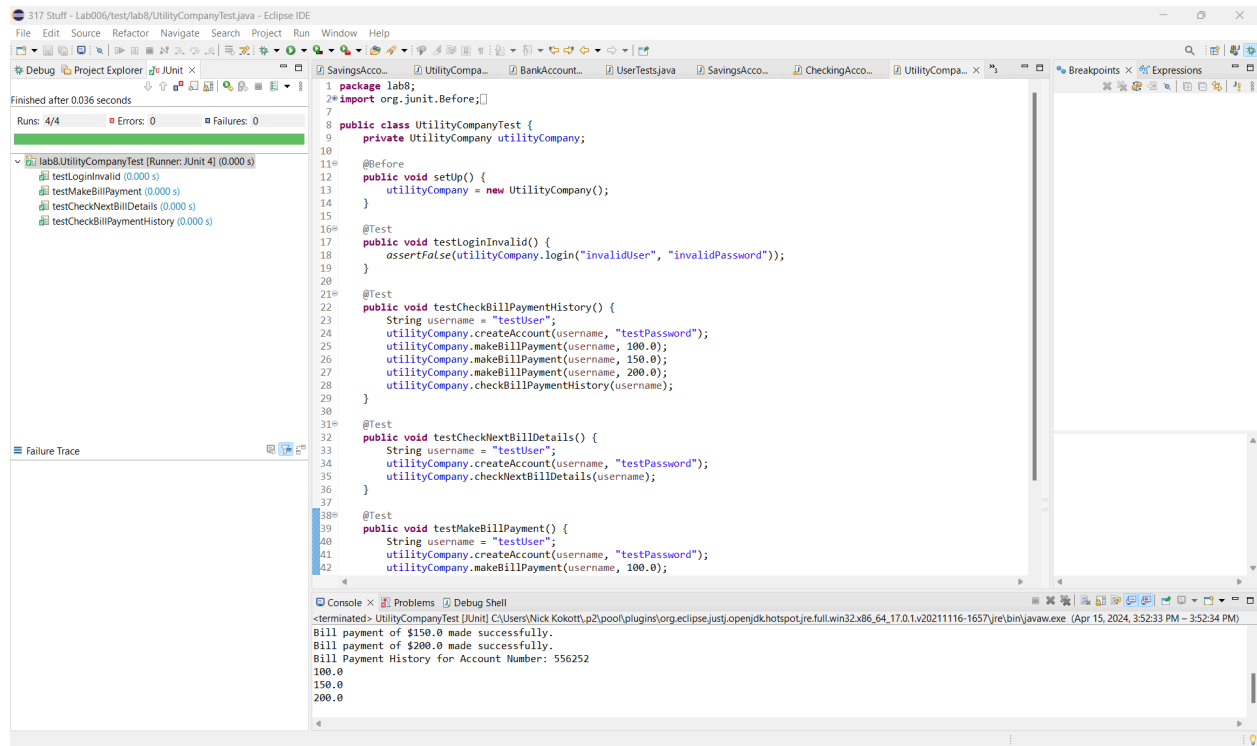
The test criteria for the utility company are as follows:

Ensuring that the correct user is in the correct subsystem of the utility system, and that they can access their needed

The test requirements for the utility company are as follows:

The user will be tested to be logged into the proper utility system. The user will be tested that they can pay using their own checking account and that they can view and modify their own bills as well.

Here are the running tests for the utility company:



As you can see the UI is putting out the correct results with the tests that are being ran. Everything tested is having the correct output and showing that the system is functioning as it should be.