Brad Buckingham
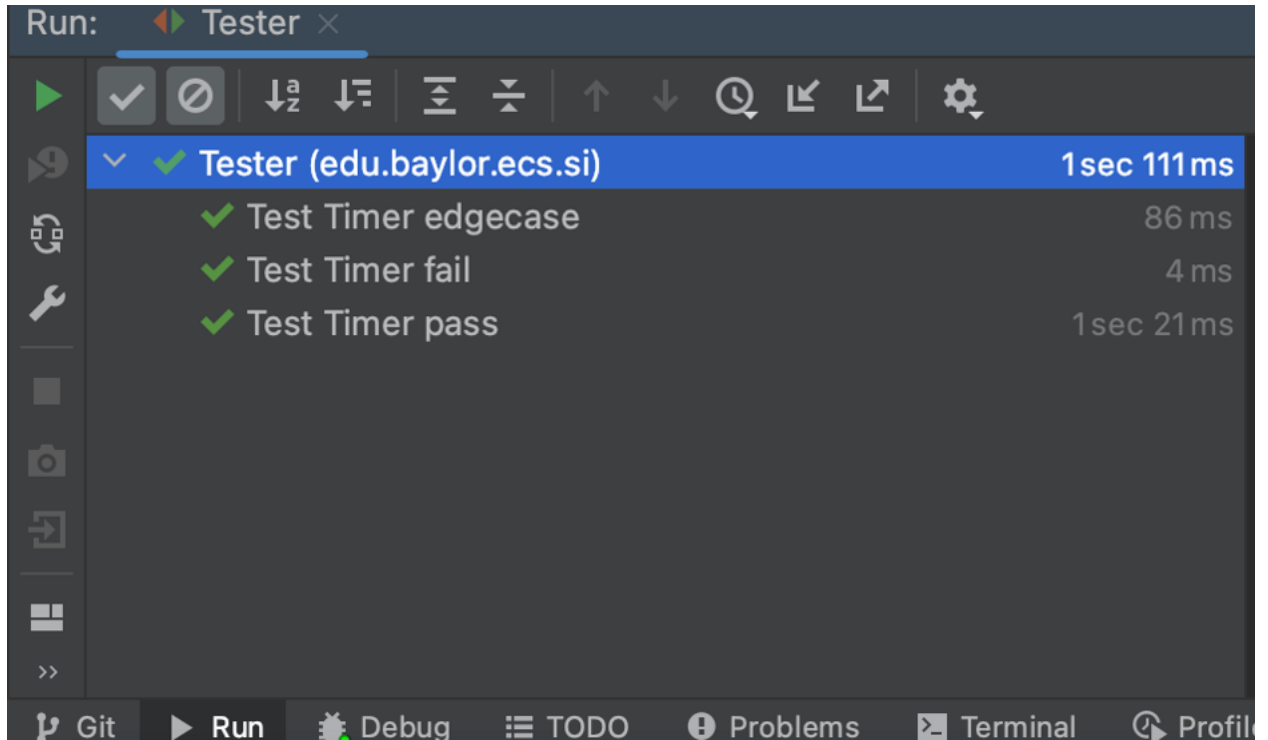
CSI 3471

Assignment 10

1. Logger.log will return the data as a string representation where the console shows it as an object.
2. In the logger.log file
3. Throws an exception if the supplied exception type does not match the actual exception thrown.
4.
    1.
        - SearialversionUID is an identifier that is used to seralies.deseralize an object of a serializable class.
        - We use the serialVersionUID attribute to remember versions of a Serializable class to verify that a loaded class and the serialized object are compatible.
    2.
        - To create a custom message to be displayed when the TimmerException is thrown and/or the type of exception that was thrown with the TimmerException.

    3. All other exceptions are chained with one of the constructors.
5. The static block ensures that the config file is only initialized once since the Timmer class is used more than once.
6. The md extension stands for markdown which is a simple markdown language that can be converted to text. A readme file is simply a file that is used in a repository to explain to other what the purpose and function of the repository is as well as documenting the required steps for getting the application to run.

7. In the timeMe method, the timeNow class is given a value of null which is why the test fails. To fix it, I removed the handler "finally" and moved the logger.info(…) methods to the try handler since the catch already has its own logger.

8. Because timer is a user defined exception is checked after the default exceptions like the NullPointerException.

9. Junit Test

10.   Maven test

11.

Timer exception is a checked exception.

NullPointerException is an unchecked exception.

12.   https://bitbucket.org/b-rad-bu/exceptionrunner/src/master/