

Assignment 5

The primary goal of this assignment is to learn how to write a bug report and debug.

Note: This is an individual assignment and NOT part of the team project. But it involves collaborating with your team members.

Assignment Details:

- Grab one of your teammate's code and put it in a separate folder within your folder. The name of the folder should start with the ONID of the teammate whose code you are testing. For instance, if you chose to test robertwen/dominion, create the directory projects/yourONID/roberwenDominion/.
- Add your tests to this directory and run your tests (the unit and random tests from assignment-3 and assignment-4) to test the code written or modified by your teammate that you copied. You can use your makefile to run the tests or you can run them one by one. Please note that you “may” need to change your tests in order to match the refactored code, depending on how your teammate refactored the code as far as method names, the parameter passed, etc. This will also help indicate how maintainable your tests are. (25 points)
- Find and report at least 2 bugs and document these as bug reports in the Assignment-5.pdf file, under a section called Bug-Reports. Describe in detail about the bugs; the cause, how you found them, etc.
 - **Note:** In case your teammate already fixed the bugs and you cannot find any, use the version they submitted for assignment 2. (25 points)
- Write a test report, in a section called Test Report, describing your experience testing your teammates code. Document in detail, including code coverage information, and your view of the reliability of the Dominion code of your teammate. (25 points)
- Document the process of identifying and fixing the bugs in your teammates code and describe the code changes under a section called Debugging. Show how you used a debugger (e.g., GDB, or another debugger tool) to understand and debug your teammates code. Submit any files or logs that you generate through the debugging process as part of your submission. (25 points)

Submission instructions:

- Canvas (75 points)
 - Assignment-5.pdf that contains three sections: Bug-Reports, Debugging, and Test-Report.

- The class GitHub repository (25 points)
 - Submit your complete dominion code under projects/your-onid/dominion and your teammates code that you tested under projects/your-onid /yourteammate-onidDominion/dominion + your updated unit tests
 - Create a new branch of your repository called “youronid-assignment-5” that contains your final submission. This branch must be created before the due date to receive credit.
- Upload a zip of this code (Assignment-5 branch) to Canvas