

CSC305 Software Single-responsibility class with unit tests

Instructions

I expect you to begin work on this well before it is due. It will appear in several weekly modules. Please make a note of the due date and plan accordingly.

Each member of the team will individually write the code and associated unit tests for a different class within the project. Coordinate who covers what at a team, but each of you should have had primary development responsibility for the code you submit. That doesn't mean you can't have help, but you must feel confident saying "this is my code."

Grading breakdown (50 points total)

- The code itself: 10pt
- Explanation of code in comments (ideally using JavaDoc, Pydoc, or similar): 5pt
- Clearly defined and understandable public interface (API): 10pt
- Degree to which class demonstrates good OOP principles (especially SRP, encapsulation): 10pt
- Unit tests (ideally using a standard framework such as jUnit or pytest/unittest): 10pt
- Screen capture of unit tests running (they don't have to pass, just run): 5pt