CS 490/548: Core Assignment Rules

Programming Assignments

Unless otherwise stated:

- Programs MUST be written in **Python**.
- Naming convention for code files is **Axx.py**, where *xx* is the assignment number (e.g., 02 becomes A02.py).
- It is expected you will write the core functionality of the algorithm yourself: *if you are not sure whether a library function is permitted, ASK ME!*

Starting a New Assignment

For each new assignment, you must do the following procedures:

- **Switch to the "main" branch**
- **Fetch any changes from remotes**
- **Pull changes from "upstream" remote repository (i.e., my repository)**
- **Create and check out a new branch for this assignment**
    - Use name "assignXX", where XX is the zero-padded assignment number (01, 02, etc.)
- **Publish your new branch**
- **Complete assignment code and make commits to this new branch**

Test Files and Screenshot

Unless otherwise stated:

- Provided files (testing programs, image folders, etc.) should remain in the SAME directory level/structure as on my repository.
- Test programs should be runnable directly.
- **If a test program is provided, you MUST run the tests and send a screenshot of the test results!** Even if your program(s) do not pass all the tests, you MUST send this screenshot!
- The screenshot should show clearly the final result of the test run ("OK" for all passing, "FAILED (failures=N)" for some or all failing).

Completing and Submitting an Assignment

Once you have finished development on your branch, do the following:

- **Commit any changes to your branch**
- **Checkout the "main" branch**
- **Merge your branch into the "main" branch**
- **Commit as necessary and push changes to remote repository**

Be sure to do these steps BEFORE the assignment deadline!

Grading

Apart from the specific grading breakdown, I reserve the right to take points off for not meeting the specifications in the assignment description.

Every assignment will have a different grading breakdown. Do NOT assume it is always the same!

In general, these are things that will be penalized:

- **Code that is not syntactically correct (up to 60 points off!!!!)**
- Sloppy or poor coding style
- Bad coding design principles
- Code that crashes, does not run, or takes a VERY long time to complete
- Using code from ANY source other than the course materials
- Collaboration on code of ANY kind; this is an INDIVIDUAL PROJECT
- Sharing code with other people in this class or using code from this or any other related class
- Output that is incorrect
- Algorithms/implementations that are incorrect
- Submitting improper files
- Failing to submit ALL required files
- Not creating a separate branch or not using said branch for assignment development
- Submission code not merged with main branch (but exists in repository)