CS 538: Core Assignment Rules

Programming Assignments

Unless otherwise stated:

- Programs MUST be written in **the language specified by the assignment!**
- **You must follow the naming conventions** for code files as specified in the assignment (*including case-sensitivity*)!
- **Do NOT make subprojects for this course! All assignments go into the SAME project, but different build targets are created via CMake!**
- 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**

Screenshots and Test Programs

Unless otherwise stated:

- Screenshot should go in the **screenshots** folder of the project.
- Screenshot filenames should follow the naming convention specified in the assignment!
- **If test code 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!

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 and/or does not compile (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)