

# CS 450: Core Assignment Rules

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## 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**
  - o 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)