CS 470: Core Assignment Rules

# Programming Assignments

Unless otherwise stated:

* Programs MUST be written in **Python**.
* Naming convention for code files is **A*xx*.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)