

COP 3014: Spring 2022

Homework Assignment 0

Total Points: 50

Due: Friday, 01/14/2022 11:59:00 PM through Canvas

Objective

The purpose of this assignment is to

- Ease students into the daily-effort system.
- Understand the difference between using a computer and computer programming.
- Ensure students have installed the requisite software for the course.
- Ensure students are familiar with course policy and mechanics.

Turn in your file `Assignment0.pdf` through Canvas.

Problem 1 - 15 points

Outline the differences between using a computer, using programming tools to accomplish a task, and writing a computer program from scratch. About 150 - 200 words shall suffice. You may use analogies to explain your understanding.

Problem 2 - 15 points

Describe how Computer Programming would be useful for your chosen field. List a few examples of how you would apply computer programming in your career. About 150-200 words shall suffice.

Problem 3 - 10 points

Outline the commitments you've made to yourself to practice programming every day. This can be as brief or detailed as you wish.

Problem 4 - 10 Points

Install CLion on your computer. Briefly describe the steps and enumerate any troubleshooting you had to do. Attach a screenshot of the installed software with your name and FSUID in the default program.

General Guidelines

- Please ensure the file you submit contains you name, FSUID and the line “All work below was performed by (Your Name)” at the top of the file.
- The assignment requires you to submit a PDF file. If you choose to write the assignment using a Word Processor of your choice (Microsoft Word, Google Docs, LibreOffice Writer, etc.), please use the Save As feature to save the file as a PDF before you turn it in. Canvas will not accept any file type other than PDF.
- This assignment is individual work. Please give me your opinion for the questions, in your own words.
- Please run the answers through a cursory spelling/grammar check. Everyone struggles with typographical errors and not everyone is a gifted writer. However, we should at the very least be able to understand what you’re trying to communicate.
- The student is responsible for making sure they have turned in the right file(s). We will not accept any excuses about inadvertently modifying or deleting files, or turning in the wrong files.
- The only file you would be turning in is **Assignment0.pdf**
- **General Advice** - always keep an untouched copy of your finished homework files in your email. These files will have a time-stamp which will show when they were last worked on and will serve as a backup in case you ever have legitimate problems with submitting files through the submission script. Do this for ALL programs.