

Assignment 00

Due at 10:00 a.m. on Wednesday, May 20, 2020
Remember to submit using Markus.

For this assignment, and only this assignment, you are permitted to work with other people, though you will gain the most benefit from doing it alone. The purpose is to familiarize yourself with course logistics.

An important part of this assignment is ensuring that you learn how to submit assignments correctly; we don't want you to lose marks on future assignments through incorrect submission. **Remember that submission is done through MarkUs.** Be sure to follow the instructions in the Style Guide to create and submit a file for Questions 1, 2, 3, and 4. **Questions 5 and 6 do not require any file submissions**, but they are still important to complete.

1. The CS 115 Style Guide (<https://www.student.cs.uwaterloo.ca/~cs115/coursenotes1/styleguide.pdf>) gives instructions on how to put a file header on a file and how to submit an assignment. Create a file with a file header and save it to your account so that you can modify it for future assignments. Submit the file using Markus with the file header using the instructions in the Style Guide on the course website.
2. What are typical midterm averages in first-year CS courses? You can find the answer in the Survival Guide (<https://www.student.cs.uwaterloo.ca/~cs115/coursenotes1/survival.pdf>) on the course website. Create a Racket program that consists of two constant definitions: `lower-bound` will be the lower bound given and `upper-bound` will be the upper bound given. Use integers to represent percentages; for example, 50% would be represented as 50. Submit this program **using MarkUs** as indicated in the Style Guide, Section 2. Please include a file header.
3. We will make frequent use of Learn to post important announcements. Sometime between now and the due date, we will post an announcement with instructions on how to answer this question. Please check the announcements regularly throughout the course.
4. This question is about student discipline and academic integrity. Please read Policy 71 at <https://uwaterloo.ca/secretariat/policies-procedures-guidelines/policy-71>. Then download the file `a00q4.rkt` from the Assignments page, read it, and fill in your Quest username (like `j22ahmed`) at the bottom. We take this to be equivalent to signing the document. Save it and submit it on MarkUs.
5. After you have submitted each of the questions, an email will be sent to your uwaterloo email with the basic test results. In addition, you can view the basic test results on MarkUs. Ensure that you are able to view the basic test results to know that your code can be run on our marking server.
6. Labs will be posted weekly and are intended to assist you with completing your assignments. You will need to download DrRacket to complete your assignments and Labs from your personal computers, follow the link below to download DrRacket:
<https://download.racket-lang.org/>
Choose the language **Intermediate Student**.