

The University of Waterloo computer science competition (CCC) is a yearly competition that can be written in several languages (C, C++, Python (2.x and 3.x), Pascal, Java, Perl, and PHP). There is a junior and senior level for students to compete.

Junior level follows the following format.

- Two straight forward (basic loop and conditions) questions.
- Two more challenging (some combination of loops, conditions and counting) questions.
- One advanced (recursion, efficient sorting, clever algorithms) question.

Senior level follows the following format.

- Two basic algorithm (sorting, searching) questions.
- Two more advanced algorithms (careful counting, some mathematical reasoning) questions.
- One IOI level question.

Examples of previous questions (both levels) can be found at the link below.

https://www.cemc.uwaterloo.ca/contests/past_contests.html#ccc

Students must register at the link below and use the school number 030100306.

<https://cccgrader.com/register.php> . Once you create an account I will have to confirm you so please email me at almacdougald@edu.pe.ca or almacdougald@cloud.edu.pe.ca.

After you decide what level you want to compete at it will be important to practice using the grader. When writing the competition you will have to repl.it then copy the code to notepad and submit. You will have to do this on a laptop and note a chromebook in the library.

The competition will only run if we are doing in-class learning. You must register with Mr. MacDougald by February 5th 2022. The contest date is February 16th.