CCC CONTEST – FEBRUARY 18

**CONTEST**

* Wednesday, February 18 – 12:00pm – in school
* Go to Room 201 at 11:30am
* Individual; based on problem-solving
* Junior or Senior division
* 3 hours; 5 problems; 75 marks
* Problems on paper; online grader for submission and judging
* Languages allowed: Python, C, C++, Java, Pascal, Perl, PHP, Turing

**RULES**

* Only input and output exactly what the question says. Input and output must match the example exactly. When taking input, never prompt the user; it will be considered part of your program’s output and judged as incorrect. The grader only awards points based on your program’s output, not on program structure.
* Always test your program with the given example before submitting. Your program’s input and output must match it exactly. However, even if your program works for the example, it may not work for the real test data. Consider all possible cases.
* You can only use the Internet to access the online grader, manuals, and documentation. For example, you can visit python.org and cplusplus.com, but not Stack Overflow or Facebook.
* You are not allowed to open previous code.
* You are not allowed to communicate with others.
* If you are using C++ or Java, only submit the ‘main’ file to the grader. If you are using Java, the file must be called ‘Main.java’ and have ‘public class Main’ as the class name.
* If you are using Python, always use int( raw\_input() ) or float( raw\_input() ) rather than input(), which doesn’t always work and may crash your program.

**PRACTICE**

* Create an account on the CCC online grader (link below). You must get Mr. Johnston to authenticate you as a competitor before the day of the contest.
* Create an account on the practice grader (link below). Log in and practise the CCC contest questions from previous years. Make sure you are comfortable with solving problems while matching the exact input and output.

**RESOURCES**

* Contest details: <http://www.cemc.uwaterloo.ca/contests/computing.html>
* Contest grader: <http://www.cemc.uwaterloo.ca/contests/computing/computing-grader.html>
* Club resources: <http://tinyurl.com/gfsscs>
* Practice problems/grader: <http://wcipeg.com/>
* Python documentation: <https://www.python.org/>
* C++ documentation: <http://www.cplusplus.com/>
* Java documentation: <http://docs.oracle.com/javase/8/docs/api/>