Welcome to CMPT 127 Computing Laboratory

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What is CMPT 127 and How it works!
How CMPT 127 works

- Lab course
  - No lectures, labs only!
- 3 hour lab sessions
  - Although, to do some of the labs will require more than 3 hours
  - You can come to CSIL any time to finish your labs
- CSIL
  - CSIL access -> fob – See link on menu of our course web site
  - You must attend each lab session (please, be punctual!)
- If you have a question outside our lab time
  - Instructor and TA’s OH (posted on our course web site)
  - CS Peer Tutors – See link on menu of our course web site
What is CMPT 127

- We learn:
  - Linux (Ubuntu) OS
  - C and C++ (in our last lab)
  - Software development process

- Tools: Terminal application, text editor, compiler (makefile), source code version control system (Git)
- Good Programming Style (GPS)
CMPT 127 Workflow

- Workflow – Every week
  1. You read the weekly lab and do its tasks (programs) satisfying the requirements of each task
     - **Lab Posted:** Each weekly lab is posted on our course web site on Tuesday at 8:30am
     - **Lab Deadline:** The grading robot for a particular lab stop grading 3 weeks later
  2. Compile each program **before submitting it to your Git repo**
  3. Execute/test each program **before submitting it to your Git repo**
     - You can use the test cases (sample input and sample output) described in the lab AND you can also create your own test case
  4. Then you push your tasks (programs) onto your Git repo
  5. Grading robot grade them and report on whether or not your tasks pass the test cases
     1. Grading robot result web page (explained in Lab 0)
     2. Course anonymous progress scoreboard (link from our course web site)