Welcome to CMPT 127 Computing Laboratory

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

- Lab course
  - No lectures, labs only!
- We learn:
  - C and C++ (in our last lab)
  - Software development process
    - Workflow
    - Tools – Makefile, Source code version control system (Git)
  - GPS – Good Programming Style
How CMPT 127 works

- 3 hour labs
  - Although, some of the labs will require more than 3 hours to do
- In CSIL
  - CSIL access -> fob
    [http://www.sfu.ca/computing/about/support/tips/door-access.html](http://www.sfu.ca/computing/about/support/tips/door-access.html)
- You must attend each lab session (please, be punctual!)
- Academic honesty
- If you have a question outside our lab time
CMPT 127 Workflow

- Platform and language: Linux and C/C++
- Workflow – Every week
  - You read the weekly lab and do its tasks (programs)
    - Posted
      - Each weekly lab is posted on our course web site on Tuesday at 8:30am
    - Deadline
      - The grading robots for a particular lab stop grading 3 weeks later
  - Compile each program
  - Execute/test each program
    - You can use the test cases (sample input and sample – expected – output) described in the lab
    - You can also create your own test case
  - Then you push your tasks (programs) onto your Git repo
  - Grading robots grade them and report on whether or not your tasks past the test cases
    1. Grading robot result web page
    2. Course anonymous progress scoreboard
Questions?