Welcome to CMPT 127 Computing Laboratory

My name is Anne Lavergne

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 [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!)
- If you have a question outside our lab time
  - Instructor and TA’s OH (posted on our course web site)
  - CS Peer Tutors:
    - Monday to Friday, in ASB 9816 (ASB 9814), 10:30 to 15:30
What is CMPT 127

- We learn:
  - 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

- Platform and language: Linux and C/C++
- Workflow – Every week
  1. You read the weekly lab and do its tasks (programs)
     - Lab Posted
       - Each weekly lab is posted on our course web site on Tuesday at 8:30am
     - Lab (Tasks) Deadline
       - The grading robots for a particular lab stop grading 3 weeks later
  2. Compile each program
  3. Execute/test each program
     - You can use the test cases (sample input and sample output) described in the lab
     - You can also create your own test case
  4. Then you push your tasks (programs) onto your Git repo
  5. Grading robots 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)
Questions?