Getting Started:
Your Software Environment

Jonathan Lung – CSC207H: Software Design

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About

- CDF maintains a group of computers running the *Ubuntu* operating system.
- Your assignments will be marked on CDF. **Test your submissions on a CDF computer!**
- See me if you do not have a CDF account or have not used CDF before.
- You may work in the labs or...
Work remotely

- Instructions for using and installing SSH and X11 can be found at [http://www.cdf.toronto.edu/faq.html#GS3](http://www.cdf.toronto.edu/faq.html#GS3).
Using *SSH* and *X11* with...

- **Windows**
  - Cygwin or
  - Putty + Xming

- **UNIX and UNIX-likes (includes MacOS X)**
  - SSH client usually already included
  - Mac users may need to install *XQuartz* if there is no X11 application in their `/Applications/Utilities` directory.
Making a connection

- Open a terminal window and issue the command (case matters!)
  \[
  \text{ssh -X username@cdf.toronto.edu}
  \]
- After entering your password, you should see a prompt such as
  \[
  \text{username@greywolf:~$}
  \]
- Test out X11...
  \[
  \text{xeyes}
  \]
In this course, we focus on a few different pieces of software.

- Java 8
- Subversion
- Eclipse
- Android Studio

See the Software section under Resources on the course website for installation details.