\bigcap	Administrivia
	 Please do not reboot the machines in this room (HAS 340); people rely on their being available for remote access. Also be careful not to inadvertently shut them down when trying to log off. If a previous user has left the machine's screen locked, you can use use control-alt-backspace to restart the graphical subsystem.
	• Linux accounts for new students should have been created, with passwords mailed to Trinity e-mail addresses. To change your password, yppasswd from the command line.
	 If you're new to Linux and/or its command line: See "Useful links" page (here). for links to relevant information. Homework 1 design due next Thursday.

Slide 1

A Little More About Homework 1

- Did you start reading the project description? Questions we should talk about now (briefly)?
- You're not committing yourself to anything at this point, but try to be as detailed as you can so I can try to spot potential trouble. Also good to think in terms of a basic design (not too ambitious) plus extras. Keep in mind that what you do has to fit into an existing framework. (That's actually one of the pedagogical goals.)
- What you will actually turn in is HTML documentation of your planned game's main class put it in your Local/HTML-Documentation and send me mail saying "ready to be graded". (Complete instructions in homework writeup.)







Java and Object Orientation
Java is not purely object-oriented — also includes "primitive types" for efficiency — but it's much more strongly object-oriented than a hybrid

• Java programs consist of definitions of classes. (No free-standing functions like the ones in C.)

language such as C++.

- Java variables (except primitives) are references to objects, classes define types.
- Classes, attributes, methods have varying "visibilities" (from public to private).





Fools
Java programs are text, so you can write them with a text editor and compile and run them from the command line. (In fact I often do.)
However, many professional programmers use an IDE (Integrated Development Environment), so we will too. We will use Eclipse, which is a free open-source tool written in Java, so you should be able to install a copy on your home machine if you like. (Versions seem to be available for Windows, Linux, and Mac OS X.)



