Welcome to CS61B!

- Discussion sections start this week. Get an account (if needed) and try to register electronically using the class website.
- Go to any sections, labs where you fit.
- We'll take care of those on the waiting lists because of full sections soon.
- Class website and newsgroup set up:
  http://inst.eecs.berkeley.edu/~cs61b
  read them regularly!
- See General Course Information on web page for info on grading, lateness, cheating policy, etc.
- This room has no webcasting facilities, so lectures will not be recorded.

Texts

- There are two readers at Vick Copy (not Copy Central), corner of Hearst and Euclid.
- The materials in these readers are also on-line.
- You could do without printed versions, except that we don't allow computers in tests (but do allow printed stuff).
- Textbook (for first part of the course only) is Head First Java. It's kind of silly, but has the necessary material.

Course Organization

- You read; we illustrate.
- Labs are important: practical dirty details go there. Generally, each lab has something to turn in, and we will give you homework points for doing it and turning it in.
- Homework is important, but really not graded: use it as you see fit and turn it in! You get points for just doing that.
- Individual projects are really important! Expect to learn a lot. Projects are not team efforts (that's for later courses).
- Use of tools is part of the course. Programming takes place in a programming environment:
  - Handles editing, debugging, compilation, archiving versions.
  - Here, we keep it simple: Emacs + gjdb + make + svn, documented in one of the readers and on-line.
- Tests are challenging: better to stay on top than to cram.
- Tests, 45%; Projects, 45%; HW, 10%
- Stressed? Tell us!

Programming, not Java

- Here, we learn programming, not Java (or Unix, or NT, or...)
- Programming principles span many languages
  - Look for connections.
  - Syntax (x+y vs. (+ x y)) is superficial.
  - E.g., Java and Scheme have a lot in common.
- Whether you use GUIs, text interfaces, or embedded systems, important ideas are the same.
For next time

- Please read Chapter 1 of *Head First Java*, plus §1.1–1.9 of the on-line book *A Java Reference*, available on the class website and in the second part of the first reader.
- This is an overview of most of Java's features.
- We'll start looking at examples on Friday.
- Always remember the questions that come up when you read something we assign:
  - Who knows? We might have made a mistake.
  - Feel free to ask at the start of lectures, or by email.

Advertisement

- The Berkeley Programming Contest is approaching!
- We use it as a qualifying trial for the ACM regional contest in November.
- So, if you know any real hotshots (or are one yourself) tell them about this opportunity to show that they have what it takes.
- I'm also offering CS98-13/CS198-13, *Programming for Blood*, (Monday 5-7PM in Soda 273). Here, we try to write small programs quickly, as in programming contests.