

Unix Lab 2

CS 245

Sept. 20, 2002

1. Write (using `emacs`), compile, and run a small Java application. This program should interactively read positive integers, each on a single line, stopping when a 0 is entered. It should then print the largest integer read. Look back at `Prog.java` if you've forgotten how to do console I/O.
2. Use `script` to record a script of compiling and running your program (read the `man` page `script` to learn how to use it. Use `pine` to e-mail the script to me as an attachment.
3. After you've gotten your program running, print it.
4. Work the `emacs` tutorial. From the command line, run `emacs` and use the `C-h t` command to start the tutorial.
5. Referring to the two tutorials on the class home page for Java's command line debugger, `jdb`, try setting some break points, single-stepping your program, and examining variable and object values. Before running `jdb`, compile your program with debugging enabled:

```
javac -g Prog.java
```

Next, start `jdb` and have it load your class file:

```
jdb Prog
```