

## 322 Compilers Assignment: 2

### Register allocation, finishing up

**Due Thursday May 2nd, noon**

**Your job:** Finish the L2 to L1 compiler. That is, wire everything together.

**Handin instructions:** Your handin must run on the t-lab machines (under linux).

Hand in your assignment by sending email with the subject 2 to `robby@eecs.northwestern.edu`. The email should include an attachment named `name.2.tar.gz`. The `name` should be your last name in all lowercase letters unless you are pair programming, in which case it should be both last names in alphabetical order, separated by `+`. For example, if Robert Jordan and Brandon Sanderson were pair programming and handing in this assignment, they'd send in a tarfile named `jordan+sanderson.2.tar.gz`.

The attachment must contain (at the top-level) a shell script or binary executable that is your compiler (and whatever supplementary files it needs). The compiler should be called `L2c`.

The compiler should accept a filename on the command-line ending with `.L2` and it should write a the L1 program to `stdout` (and nothing else to `stdout`).

The top-level directory can also contain executables that correspond to earlier assignments; they will be re-run in the test fest for this week.