

322 Compilers Assignment: 3

Linearization

Due Thursday May 7th, before class

Your job: Compile L3 programs to L2 programs.

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

Hand in your assignment by sending email with the subject 3 to `robby@eecs.northwestern.edu`. The email should include an attachment named `name.3.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.3.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 `L3c`.

The compiler should accept a filename on the command-line ending with `.L3` and it should write the L2 program to stdout (and nothing else to stdout).