

322 Compilers Assignment: 2-test

Register allocation, testing the L2 compiler

Due Wednesday April 30th, noon

Your job: Write (at least) 15 test L2 programs and equivalent L1 programs.

Hand in your assignment by uploading it to the server at <http://penghu.eecs.northwestern.edu:8123/>. The uploaded file should be a gzipped tar file named `name.2-test.tar.gz`. The `name` should be your family name in all lowercase letters (except for the names Liu, Zhou, or Wang, see below) unless you are pair programming, in which case it should be both family names in alphabetical order, separated by `+`. If your name has any non-alphabetic characters, remove them first. For example, if Conan O'Brien and Shawn Knowles-Carter were pair programming and handing in this assignment, they'd send in a tarfile named `obrien+kowlescarter.2-test.tar.gz`. If your family name is Liu, Zhou, or Wang, then include your first name as well, but also without any spaces. For example, if your name is Liu Bolin, then use `bolinliu` as your name. And if Bolin and and Shawn team up, they'd submit `bolinliu+kowlescarter.2-test.tar.gz`.

The file must contain a single directory named `2-test` containing the test cases.

The directory should contain pairs of files, an input file with the suffix `.L2` and a equivalent output file with the suffix `.L1`. The result does not have to match exactly what your compiler ends up producing, but the two programs should behave equivalently in the two interpreters.