

# 322 Compilers Assignment: graph Register allocation: graph coloring

**Due Monday April 28th, noon**

**Your job:** Implement graph coloring. See the graph-test assignment for details on how the graph script should behave.

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

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.graph.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.graph.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.graph.tar.gz`.

The attachment must contain (at the top-level) the `graph` executable.