

cmsc 417 programming assignment zero

August 30, 2006

This is a tiny programming assignment mostly to ensure that you can login to the linux lab machines, write a four-line C program, turn it in via the submit server, and verify that you passed tests.

Your code will first print a line consisting of the text: “ready”, then, for every line of text read from standard input, it will echo that line right back on standard output.

You’ll use “fgets” and “printf”. See *printf(3)* (the output of “man 3 printf”) and *fgets(3)*.

Your code must compile without warnings listed in the style handout and included in the makefile in the template.

This assignment is to be done individually.

1 grades.cs

Login to <https://grades.cs.umd.edu> to learn your username and password for linuxlab.csic.umd.edu. All logins and passwords besides this linuxlab-specific one will be your Maryland directory id.

You may login to this server now and then to check that your grades have been well-recorded.

2 The template

You may download “template-zero.tar.gz” from the course web page: <http://www.cs.umd.edu/class/fall2006/cm417/> Untar (using `tar xf template-zero.tar.gz`), then rename (`mv template-zero cm417-0`) as you like. Edit `zero.c` (do not rename, unless you know what you’re doing). Run `make`. Run `./zero`. When satisfied, run “make submit”.

3 submit.cs

Login to <https://submit.cs.umd.edu>. You may upload a zip file for project zero, or use “make submit” from the command line. That rule runs a java program to upload the file; it requires your username and such.

4 Objectives

At the end of this assignment, you should understand:

- How to login to the csic linuxlab.
- How to submit your assignments.
- How to check your code against tests on the submit server.