

Laboratory Exercise 1

cpe 357 Fall 2010

Due to me by (or before) 4:00pm, Friday, September 24th.

This laboratory exercise is to be done individually.

Laboratory Exercises

1. Log on to a unix machine (any lab machine will do).
2. Read a man page on something (how about `man(1)` or since it might turn out to be useful to you, or `intro(1)`, for an introduction to section 1 of the manual).

3. Use either vi or emacs to write a program. (Hello World is fine.)

If you are unfamiliar with either editor, see the class page for some help sheets. Also, each editor has a tutorial:

Emacs: To run the tutorial, start `emacs`, then type “ESC-x help-with-tutorial”

Vi: Traditional vi doesn’t have a tutorial, but vim (Vi IMproved) does. To run it, run the program `vimtutor(1)`.

4. Compile it and run it.

What to turn in

Please fill out the worksheet on the following page and submit it to me. Be sure to follow the guidelines for submitting written work set forth in the syllabus.

cpe 357 (Nico) Laboratory 1 Worksheet¹

1. Which machine did you choose?
2. Which manual page did you read? Did you learn anything useful?
3. Which editor did you choose? Why? (Some people feel very strongly about their editors...)
4. Please attach a listing of your program to this sheet. Did you encounter any problems while developing it? If so, what were they and how did you solve them??

¹Remember, from the guidelines for submission: Fold your papers in half *lengthwise* and write your name (Last, First), the homework number, and the due date at the top of the *outside* sheet. (That is, on the upper-right corner the back of your listing.)