PHYSICS 102
CLASSICAL MECHANICS LAB
FALL 2013

Assignment Zero

Due Wednesday, October 9, 7:00 pm.

[1.] Log onto your computer account and make sure it works.

[2.] If you are not already familiar with a linux editor, and plan on using the room 106 computers, you should learn 'emacs' (probably the easiest) or 'vi'. For the latter, peruse the handout on vi commands. Type in any **four** of the C programs listed on the 'Very simple C programs to look at' link on the course web-page. **Note:** There are no spaces in the strings '<stdio.h>' and '<math.h>' even though it sort of looks like it in the html on the webpage.

IMPORTANT: Please do not cut and paste the programs, but spend the 5-10 minutes it takes to type them in yourself, especially if you are not so familiar with an editor and with C. The reason I ask you to do this is that it will provide useful practice, eg if you have a typo in your code, you'll get some experience with the sorts of error messages the compiler gives and how to find and eliminate the problems. This will be very useful later.

[3.] Compile and run your programs.

[4.] Practice using some of the other basic linux commands. For example, list the files in your directory. Make a copy of the file you created in problem two, etc.

[5.] Send the files you created in problem two to the printer and print them out. Hand them in.