

The UNIVERSITY of NORTH CAROLINA at CHAPEL HILL

Comp 411 Computer Organization

Spring 2011

Lab #1: UNIX Tutorial

Issued Wed. 1/12/11; Due Fri. 1/21/11 (beginning of lab)

Your task is to go through the entire UNIX tutorial posted on the class website and try all of the examples and exercises embedded within the tutorial. You must finish this before the beginning of the lab on Jan 21. Specifically, do the following:

Tasks:

- Go through the entire tutorial and try all of the UNIX commands described, and do all of the exercises. [*Note: For part 5.1-5.2 of the tutorial, remember that AFS file permissions override the basic UNIX file permissions; therefore, as mentioned in class, using the chmod command will not yield expected results. Discussion of AFS is beyond the scope of this tutorial; you are welcome to browse the reference to AFS listed in part 5.1 if you are interested.*]
- Compile and run the sample software (units-1.74) included with the tutorial, as discussed in part 7. Run it with the sample input given in part 7.6, and also use it to do the following: convert “8 feet” to “metres” (note spelling).

What to submit: Submit the output obtained by running the units-1.74 software on the two sample inputs. Submit *hardcopy* at the beginning of lab on Friday, Jan 21.