CSE 473 – Introduction to Computer Networks

Lab N

Instructor: John DeHart   mm/dd/2015

General instructions for labs. Labs will include a moderate amount of programming. Although the programs are typically not very long, they do involve multiple parts that must communicate over the network. Getting the interaction right is usually the hardest part. You are expected to write your programs with care and professionalism. The requirements are the following:

- All code should be formatted to be easy to read and should include appropriate comments.
- The main file of the program should start with a comment block that includes your name, the date and an explanation of what the program does.
  - Write this so that it can be understood by a reader **WHO HAS NEVER SEEN THIS LAB ASSIGNMENT** – that is, your documentation should be self-contained enough that any knowledgeable Java programmer could understand.
- Use variable names that indicate the intended use and are not too long.
- Lines should be limited to fewer than 80 characters in length.

TAs can deduct up to 20% for badly formatted, hard-to-read, or inadequately commented code. This may seem harsh, but it's very easy to avoid such penalties by just exercising a modicum of care and taking pride in your work.

Specific instructions for this lab.

Logistics. Each student has been provided with a *subversion* repository with separate sub-directories for each lab and studio. For each lab, you will be provided with a Word document that you are to use as a template for your lab report. Read the lab report template carefully before you start working on your lab. It contains specific instructions regarding the things you need to turn in. You can save yourself time and aggravation if you read this before you start your work. Fill in *ALL* the required elements of the lab report where indicated and place the complete report in your svn repository (do not change the name). To complete this lab, you will need to create and turn in N files: *xxx.java*, *yyy.java, xxx.pcap,* and *yyy.pcap*. When you are done, do an *svn commit to* upload your files to the repository. In addition, you are required to turn in a ***paper copy of your lab report***, fastened with a single staple or binder clip in the upper left corner.