

## **Q530 Homework 6: Linux Programming**

**Due date: 16 November, midnight**

1. Apply a user account on AVIDD through <http://itaccounts.iu.edu/>
2. Download and install cygwin <http://xlivecd.indiana.edu/>
3. Get familiar with Linux Commands, such as ls, cd, mkdir, pwd, ps, grep, kill.
4. Run xemacs remotely and get familiar with the editor environment.
5. Compile and Run the server and client programs on two machines.
6. Modify the server and client code to measure the amount of time that the server sends a message to the client and then receives the client's response (using the provided high-resolution timer APIs).
7. Repeat the above measurement 100 times and write the results in a file named log.txt at the server end.