# Systems Software – Lab Work Week 7

## Part 1
Create a simple program to write information to Syslog.
Try to change the options, facilities and levels.
Can you find tour entry in the log files?

## Part 2
Create a simple hello world client server socket program

## Part 3
Create a client server socket program to offer the following functionality:
The server is being used as a file server.
Before a file transfer begins the client program must ask the server how much disk space is remaining. The client must then decide whether to start the transfer or not.

Create a client server socket program to allow a client to ask how mush disk space is remaining. The df command will return the disk space remaining:
df -k / | tail -1 | awk '{print $4}'

If the server and the client can't communicate, log an appropriate error using syslog.

## Part 4
Install Auditd and track all changes made to a particular folder.
Create two new user accounts, create files using different accounts.
Can you figure out using Audit who made the changes??