

# PHYS405

## Advanced Computational Physics Parallel Computing

### Assignment No. 1 Due: Friday, October 7, 2016

*Purpose:* Develop a qualitative understanding of sockets; recall some details of the C language.

*Software:* You will need clients/servers to do this assignment, namely: the client (CG) and the server (SG) found in (The Geek Stuff & on the course web site)), and the client (CJ) and server (SJ) written by Jeek.

*Note:* Please identify all your work.

Please respond to the following questions:

1. Sprinkle comments throughout the four codes to explain the functions of each section.
2. List the major differences and similarities between the two client/server groups.
3. Run the server (SJ) with Telnet
4. What is *Telnet* and what does it do?
5. Run Jeek's server (SJ) using its own client (CJ) written by Jeek.