**Networking Assignment 1**

1. Download and install the Dyknow program. Test it by logging in.
2. Use [www.speedtest.net](http://www.speedtest.net) to check the speed of your connection to the Internet. Try checking the speed at different times of the day/night. If you see significant differences, explain (do NOT fall for any “purchasing” scheme).
3. Install the Windows “telnet” program. Use it to connect to the host “sciris.shu.edu” on “port 80” and request a web page, using the “http 1.0” protocol format. Recall that your request should be similar to

GET / HTTP/1.0⮠ ⮠
(where the last two symbols indicate to press ENTER twice). Note that by default telnet does not echo the characters you type so you might not see anything as you are typing. What web server is this host using? Why might it NOT be a good idea to try to connect to [www.whitehouse.gov](http://www.whitehouse.gov) in the same way (do NOT try it).

**Answer the following questions (from the book):**

1. What is the difference between a host and an end system? List some types of end systems. Is a Web server an end system?
2. The word protocol is often used to describe diplomatic relations. Give an example of a diplomatic protocol.
3. What is a client program? What is a server program? Does a server program request and receive services from a client program?