Individual Project 3

Read the article 'Personal Firewalls' at
http://www.infosecuritymag.com/articles/july01/cover.shtml,

Choose one of the firewalls discussed in the article or some other firewall that you are familiar with.
After installing the personal firewall, test it out using an invited attack by linking to the following site: http://grc.com/x/ne.dll?bh0bkyd2.
Briefly report what you have done and your findings, what personal firewalls can do, and what they cannot do to protect your personal computer.
This project is to be finished by each student separately. If you have problems discuss then with your other group members.

Additional activities:

Additional Security Activity 1

Install an anti-virus and an anti spyware package (e.g., spybot) on your computer. You can choose from:
http://www.freebyte.com/antivirus/,
http://www.grisoft.com/html/us_index.html, or
http://www.webattack.com/Freeware/security/fwvirus.shtml
You can use a commercial one if you have them installed on your computer already.

Additional Security Activity 2

Download the Intrusion Detection Tool (IDS) snort from
http://www.snort.org/ and install it on your computer versions for UNIX and M$ Windoze.
You may not be ready to write a rule set for Snort, but it will helpful for you to run Snort in observation mode. Check what your network card is seeing. In addition, try to install the penetration test tool nessus from http://www.nessus.org/. Note that for nessus to work you need to install the server nessusd on a UNIX machine. If you have no access to UNIX system, you could ignore this part. Discuss your findings with your group.