Name______________________________ _____/20 pts.

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SE 4C03 Winter 2001

Lab Exercise 1

Instructor: William M. Farmer

Assigned:	31 January 2001
Lab report due:	14 February 2001

Working together, you and your assigned partner(s) will configure, secure, and administer a host on the Little Internet running Redhat Linux. This exercise is the first step.

1. Review the Red Hat Linux 6.2 installation guide at

   `http://www.redhat.com/support/manuals/`
   `RHL-6.2-Manual/install-guide/`

2. Install Red Hat Linux 6.2. At the beginning of the installation process, partition the harddrive on your computer. You should have separate partitions for the following:

   (a) Swap (64 MB).
   (b) The root directory `/` (100 MB).
   (c) The `/boot` directory (16MB).
   (d) The `/usr` directory (1500 MB).
   (e) The `/usr/local` directory (300 MB).
   (f) The `/home` directory (500 MB).
   (g) The `/tmp` directory (50 MB)
   (h) The `/var` directory (50 MB). _____/5 pts.

3. Install everything that comes with Red Hat Linux 6.2. You do not need to fully configure networking on your computer at this time. Set up X Windows. While the system is loading, take a look at the virtual consoles to see what is happening.

   _____/ 5 pts.

4. Create password-protected user accounts for you and your partner(s). (Do not use the root account except for administrative tasks that require root privileges.) Also create a password-protected user account named `intruder` with the password `easy`. Set the default shell for the account to be `tcsh`. This account will be used for grading and to give intruders access to your computer. _____/5 pts.

5. Use anonymous ftp to retrieve the `iptraf` and `ssh` rpm's from the `pub` directory on the server (192.168.1.1). Load these rpm's using the `rpm` command.

   _____/ 5 pts.

For your lab report, just hand in this sheet plus a copy of your log book.