Homework for Linux Training (Week 1)

In this worksheet you will be presented with a few critical thinking questions for you to fill out after class:

1. Type “ls” and view the output. Type “ll” and compare the output with “ls”. Type “ls -l”.
   1. What is different between the output of “ls -l” and “ll”?
   2. Type “alias” and hit enter. What information do you think “alias” is telling you?
2. Everything on Linux is represented by a file, even physical devices like hard drives. Type “fdisk -l” and view the results.
   1. Make a guess(right or wrong) on what you think “sda1” stands for.
   2. If you had a second hard drive what would you expect it to be?
   3. Research the correct answers to a and b. Then tell me how many hard drives you have.
   4. How many partitions do you have?
3. Finally, if you had a file with sensitive information on it, you would want to control access to that file. Explain the purpose of the “chmod” and “chown” commands: