CSI 3336

Homework 2

1. Linux is a free operating system developed for the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ processor that is intended to replicate the functionality of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Linux was first released by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, who was a student at University of Helsinki at the time.
3. C was developed at \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the early 1970’s simultaneously with \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. The command \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ prints the absolute path to your current working directory.
5. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ command is used to change permissions on a file.
6. Complete the following requests:

     a.  change the working directory to the root

     b.  change the working directory to the user’s home directory without using tilde expansion

     c.  change the working directory to the user’s home directory using tilde expansion

     d.  change the working directory to the user bob’s home directory using tilde expansion

7.  Explain the differences between a static library and a shared library.

8.  List three Linux distributions that were not mentioned in class (RedHat, Fedora, Mandriva, Ubuntu, and Debian were mentioned in class).