Linux Filesystem Management

Objective:

To read the chapter and get a better understanding of managing the Unix/Linux filesystem.

Reading:

Chapter 4 of the textbook and my notes.

Assignments:

1. Complete Project 4-5 on page 194.
2. Complete Project 4-6 on page 195.
3. Complete Project 4-7 on page 195.
4. Complete Project 4-8 on page 197.
5. Complete Project 4-9 on page 198. Please note that you will have to be logged in as root on the systems that you setup to do this project.
6. Complete Discovery Exercise 3 on page 201.
7. Complete Discovery Exercise 7 on page 203.
8. Complete Discovery Exercise 9 on page 203.
9. Complete Discovery Exercise 10 on page 203.
10. [Here](http://sceweb.sce.uhcl.edu/abeysekera/csci4634/assignments/2015_Fall/diagram%20structure%20for%20filesystem%20management.docx) is the structure of root’s home directory. All files belong to root. Can you perform the following commands, if you are logged in as Alex and is currently in Alex’s home directory (/home/alex)? If not, explain why. **Alex is in a different group than root**.

a)    cat /root/sw3333/grades

b)    rm –R /root/csci4634/assignments

c)    touch /root/myfile

d)    /root/csci4634/notes/exam1

e)    mkdir /root/csci4634/mydir

f)     cp f1 /root/test