

1) What is your home directory? How did you find out (commands used)?

/home/zhiyuad, I used command pwd

2) What is your UID? How did you find out (commands used)?

zhiyuad. I found out my UID from command pwd since the directory folder name is my UID

3) To what group(s) do you belong? How did you find out?

I belong to ugrad by using command group zhiyuad.

4) What is your "kill" character used for?

type exit

5) If you remove execute permission for yourself from a directory (see chmod(1)), are you still allowed to create files in that directory? Can you cd into it? Can you "ls" it? Can you "ls -l" it?

It will be all no since the user does not have enough permission to view or modify the content inside that directory

6) If you make a hard link to a file, and then remove the original file, are the contents of the file actually removed? Why? How about if you make a symbolic link? Why?

Since the difference of hard link or symbolic link is whether or not the link cross file system. If there is a link to a file, the system will not remove the file physically before all the links are removed.

7) Are you allowed to "mv" a directory? Are you allowed to "cp" a directory? If so, how?

If you mean moving all the files from a directory to another, we can by doing mv /path/originalfolder/\* /path/destinationfolder/

We can also cp a directory by doing cp -R /path/destinationfolder/

8) How many mounted file systems are there on odin.ics.uci.edu? How did you find out? (Commands)

I used command mount |wc -l, and the answer is 224

9) Using only "ls" (and maybe "grep"), can you find out the name of your login terminal? How? (Hint: cheat by first typing "who am i". Look also at the -L option of "ls".)

the name of the login terminal should be

10) In slide 8 from lecture #1, assume binary 00000000 represents register D0. Then the address translation from "FFDC" to binary is incorrect. Correct it. What is the machine language (binary) representation of the MOVE instruction? What about MUL? (Before you ask: yes, different instructions can take up different numbers of bytes/words.)

FFDC should be 11111111 00000000. The machine language instruction of MOVE is 1100101. The machine language of MUL is 1010001.