**LINUX Tour II**

Follow these steps to create a subdirectory under your home directory and copy the two test files (test and testfile) into it:

1. First, **type pwd** to make sure you are in your home directory. You should see /home/userid
2. To create the subdirectory junkfiles under your home directory, type **mkdir junkfiles**
3. Type **ls –l** to see that the subdirectory was created. Notice it is in blue!
4. To copy a file, the cp command is used. (To move a file, the mv command is used.) We are already in the subdirectory containing the files we want to copy and the destination subdirectory is under the subdirectory we are in, so typing **cp test junkfiles** copies the file test into the subdirectory junkfiles.
5. To copy the file testfile using the complete path for both source and destination subdirectories, the command is:

**cp /home/userid/testfile /home/userid/junkfiles**

1. Go to the subdirectory junkfiles and type ls (**cd junkfiles** and then enter **ls**). Do you see the two files there?
2. Go back one subdirectory (**cd ..**)
3. Type **pwd** to make sure you are in your home directory.
4. Use **mv** to move a file. Note that is also can be used to rename a file; for example

**mv** test testa

changes the name of the file, test, to testa. Of course, you can move a file to another location while keeping retaining the original file name.

1. To remove a file, the rm command is used. To remove the file named test, type **rm test**. Remove the file testfile also. If we had used move instead of copy, would we have to remove these files?
2. Type **ls**. Are the two files gone?
3. To remove a subdirectory, the command rmdir is used. Type **rmdir junkfiles**. What happens? Can you figure out what to do? (see below)
   1. **cd junkfiles**
   2. **rm test**
   3. **rm testfile**
   4. **cd ..**
   5. **rmdir junkfiles**

**OR rm –r junkfiles**

**OR rm junkfiles -r**

Class exercise

1. Enter cd ~. Using the picture below, create two subdirectories named india and China—note China starts with a capital letter and india does not.
2. Under india and China, create three more subdirectories each – clothing, food, and sports.

/home/youruserid

india

China

clothing

food

sports

clothing

food

sports

1. Use the Internet and lookup a few facts about clothing in India. Use the editor to create a file and write what you found in the editor. Save the file. Did you create it in the correct subdirectory? If not, move the file to the clothing subdirectory under india.
2. In the correct subdirectory, use the editor to create a file and write about your favorite Indian food. Save the file. Make sure it is in the correct subdirectory!
3. Use the Internet to lookup a few facts about sports in China. In the Sports subdirectory under india, use the editor to create a file that describes what you found about sports in China. Yes, this is the incorrect place, but it gives you a chance to practice moving in the next step!
4. Move the file you just created from the sports subdirectory under india to the sports subdirectory under china.
5. Copy the file from the clothing subdirectory under india to the clothing subdirectory under china.
6. Copy the file from the food subdirectory under india to the food subdirectory under China. Edit the new file to reflect your favorite meal that could be cooked in China.
7. Delete the subdirectory clothing under india.
8. Type tree and press enter and then show your work to an instructor.