COSC 1436 – Intro to Problem Solving II

Lab 5 UNIX Exercise Answer Sheet

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2B. Do a file listing and ***describe what's displayed.  What do you think the* cp *command did?  Can you think of a practical use for this type of command?  If so, what?***

I saw lab5play.txt and lab5play2.txt. It copies content of first argument to second argument. If second argument does not exist this command creates it. It is useful because sometimes even if you program works correctly, you can do some changing on your program so you do not want to lose old version of your program so this command is useful.

2D. Do a file listing and ***describe what's displayed.  What do you think the* cp *command did this time?***

Now I can see one more time lab5play.txt file in 5312GursesLab5. After I deleted lab5play.txt which was in 5312GursesLab5, It copied lab5play.txt from super directory(1436Spr12) to subdirectory(5312GursesLab5).

2E. …***describe what's displayed.  What do you think the difference is between this command and the previous one (in step D)?***

Now I can see that lab5play3.txt file in 5312GursesLab5. It copied lab5play.txt file with different name, which is called lab5play3.txt from super directory (1436Spr12) to subdirectory (5312GursesLab5).

2G. Do a file listing and ***describe what's displayed.  What do you think the* cp *command did this time?***

Now I can see that *lab2a.cpp* file in *5312GursesLab5*.It copied file from this path *~/1436Spr12/5312GursesLab2/lab2a.cpp* to *5312GursesLab5* directory.

2H. ***What command would you type if you wanted to make a copy of the* lab2.cpp *file from the* 1436YourNameLab2 *directory and save it in the* 1436YourNameLab5 *directory, but save it under the name of* lab2renamed.cpp*?***

cp ~/1436Spr12/5312GursesLab2/lab2a.cpp lab2renamed.cpp

3A. ***Describe what you see.***

It showed content of play.txt file but the content of this file is longer than screen size so it just showed some part of this content which fits on screen.

***What happens when you press the <Enter> key?***

It shows next line of content. It continues line by line.

3B. ***Describe what you see. What happens when you press the <Enter> key?***  Try pressing <Ctrl>v.  ***What happens now?***

It showed content of play.txt file but the content of this file is longer than window size so it just showed some part of this content which fits on window. Moreover, I can go backward by up arrow.

If I pressed <Ctrl>v. it show next content of file which fits one window.

3C. ***Describe what you see.  What does this command do?***

I saw first 10 lines of file. It shows first 10 lines of file.

3D. ***Describe what you see.  What does this command do?***

I saw last 10 lines of file. It shows last 10 lines of file.

4B. …***describe what is displayed.  What do you think the*** -m ***option does?***

I saw same directories and files but now they are separated by comma. It puts comma between entries.

4F. ***What do you think the >> operator does?***

It appends output of who command into mydir.list file.

4G. ***Describe what is displayed.***

I saw just output of date command because > operator overwrites into the file.

4I. Now type who > mydir.list and ***describe what is displayed.***

It gave me a prompt about mydir.list file which is about prevent me overwrite this file.

4L. Check the contents of the errors file.  ***Describe what you see.***

I saw one error and one warning. It also points in which function has error and on which line this error or warning occurred.