COSC 1436 – Intro to Problem Solving II

Lab 2 UNIX Exercise Answer Sheet

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1. Type the word date at the prompt.  ***Describe what is displayed.***

It displays current day of week, month, day, time, Central Standard Time is which mean national time zone, year. It is kind of exact time when you run the command.

2A. Type in the word cal.  ***Describe what is displayed.***

It displays current calendar which is in classical calendar format and today’s day is marked as a black.

2B. Type in the word cal 1 2010.  ***Describe what is displayed.***

It displays calendar of January 2010 as a classical calendar format.

2C. Type in the word cal 2010.  ***Describe what is displayed.***

It displays entire calendar of 2010 as a classical calendar format.

2D. Type in the word cal 1752.  ***Describe what is displayed.  Do you notice anything strange about the month of September?  If so, what?***

It displays entire calendar of 2010 as a classical calendar format however, I noticed that in September 11 days are skipped from 3 to 13 inclusive.

2E. Type in the appropriate command to find out what day of the week you were born on.  ***What day of the week was it?***

I wrote cal 5 1983 and I found the day of week is Thursday which I was born.

4. ***What do you think the “/” between the two directory names does?***

It separates directory names so we can specify path by using this “/” character.

***Is there another way you could get to the*** 1436.00XYourNameLab1 ***directory by using the*** cd ***command (assume you’d be starting at the root)? If so, what would you type?***

Yes there is. I typed;

-cd 1436Spr12

-cd 5312GursesLab1

First command goes from my home directory to 1436Spr12 directory. Second command goes from 1436Spr12 directory to 5312GursesLa1 directory.

5. Type in pwd.  ***Describe what is displayed and what you think this command does.***

It looks like path like a /a2/stu/egurses/1436Spr12/5312GursesLab1

I observed that It prints current directory’s path. It is useful command because sometimes you have to learn which is current directory now.

6. Try typing in just the cd command.  ***What happened?***

It has gone back my home directory. Now my current directory is my home directory

7. ***What happened? In which directory did you end up?***

It has gone 5312GursesLab2. Now my current directory is 5312GursesLab2.

8. Type cd .. this time.  ***What happened?  What do you think the .. means?***

It has gone one leve upl of the current directory that is 1436Spr12. This command takes me one upper level directory.

9. Type **cd ~/.html**. ***What happened?  What do you think the ~ means?***

It has gone .html directory. I think “~” represent my home directory because If I want to go .html directory from 5312GursesLab2 directory first, I have to go to my home directory then I can go .html directory.

10B. Now type make.  ***What displayed? Why do you think this happened?***

It displayed that “make: \*\*\* No targets specified and no make file found. Stop.”

I think that this command needs makefile and target file which means source file.

10E. Now type in make.  ***What happens this time?  What is displayed?  Why do you think this happened?***

It displayed that “make: \*\*\* No rule to make target `practice.cpp', needed by `practice'. Stop.”

I think that It needs source file

10G. Now type make.  ***What is different on this second execution of*** make ***from the first execution?***

Now, I think that it found make file and target file but target file which is source file has bugs so it shows these errors line by line. Moreover it shows warning.

10I. …type the make command one more time.  ***What is displayed? Why did the program not recompile?***

It says practice file which is executable file is updated. It did not compile one more time because it has already compiled that file so it does not need compile one more time this feature is useful when you have some many source files.By using makefile you do not have to compile your all source files if you changed some of them before because makefile compiles your source files which has changed before.