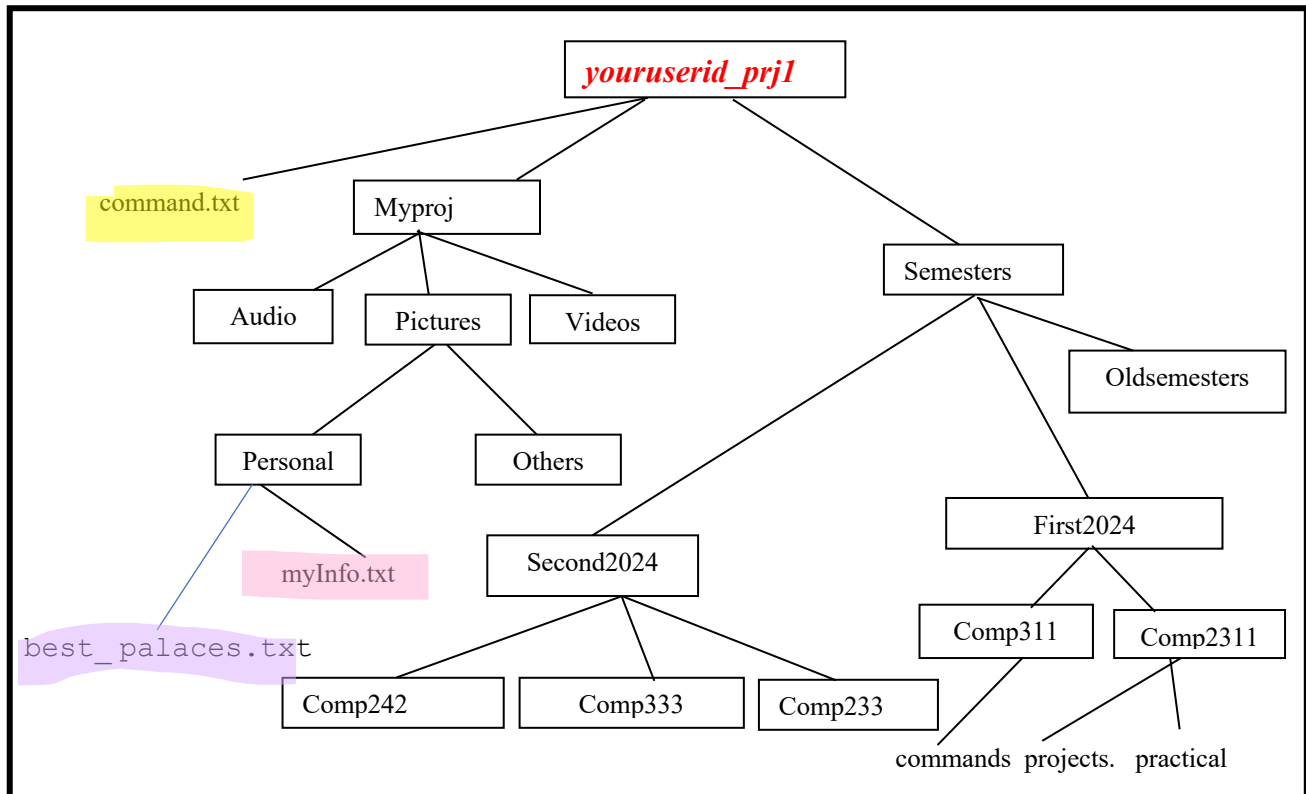


Due to: Saturday 6/4/2023, before 5:00 PM
Submission on Linux Server

Given the following tree:



Notes:

READ THE PROJECT CAREFULLY, line by line, and then answer the questions.

1. Create a subdirectory on your machine under your home directory called *youruserid_prj1* (e.g., *u1220111_prj1*).
2. Every created file **MUST CONTAIN YOUR NAME AND BE ON THE TOP OF THE FIRST PAGE.** (ALL files)
3. Under the directory (e.g., *u1220111_prj1*), create a “command.txt” file. This file is highlighted in yellow color. Your explanations, commands, and additional information must be written inside this file. This file contains all commands from 1-11)
(For example, Q#1.vi `./u1220111_prj1/favourites/pictures/personal/myinfo.txt`)
4. All Boxes are directories, and the others are files.

1. **Q#1:** Using relative paths (starting from your home as the primary reference) within your `userid_prj1`, construct a directory hierarchy precisely as shown in the figure (**do not use the `cd` command**).

Create a “myInfo.txt” file under your project (the highlighted color is rose). (**DO NOT forget**, inside this file, at the top, write **your name, Student ID**, and write inside it all information about yourself (Your full name, current address, date of birth, major, hopes, resident place, ... at least write seven lines)

2. **Q#2:** Create two **macros**. One is **called B** in insert mode, which deletes the first four words in the 5th line. Another one in command mode, **called C**, copies the last three lines and pastes them above the 5th line. This macro should save the updates and exit.
3. **Q#3:** Create a link file (`linkmyInfo`) inside the `Second2024` directory linked to `myInfo`, which has already been created in **Q#1**. A directory link with the name(`Link_First2024`) inside the `Myproj` directory is linked to the `First2024` directory and ***briefly explains the difference between the two commands that have been used in both links.*** (**Using relative links only, another solution is NOT accepted**)
4. **Q#4:** Use the vi editor to edit `best_palaces.txt` (lavender color) , then type about at least five places you have ever visited in Palestine. **Please write about your journeys, don't copy and paste them from the internet.** Save the changes.
5. **Q#5:** What commands could you use in **the command mode** to do the following:
 - A. move to the end of the fifth line.
 - B. move to the end of the last line.
 - C. copy two lines followed by the 7th line.
 - D. Delete two words after the word “color.” Suppose you have the word “color” in the text file.
 - E. Cut the first 3 words of the last line and put them at the end of the first line. (**The number of lines is unknown**).
6. **Q#6,** with a one-line command, copy all files in the directory `/etc.` with names starting with `'g'` or `'c,'` followed by any single character, followed by `[a, b, c, e or h]` , and ending with any combination of characters.
Hint: Use Google to search for the answer.
7. **Q#7:** Change the directory to your home, then copy all files inside `Comp2311` to the `Oldsemesters` directory.
8. **Q#8: Form your home directory, create a file called html inside the Comp334 directory, and then try to delete the Comp334 directory** using `rmdir`. Does it work? Why? Explain how to delete this directory.

Then, follow YouTube to connect to the server.

<https://www.youtube.com/watch?v=COSdHb-uSPA>

Please turn in your work youruserid_prj1 (for example, *u1200111_prj1*) from any computer science lab by putting it in your home directory by the due date and time. **(NOTE: Don't FORGET TO DELETE YOUR PROJECT FROM LAB's PC AFTER PUTTING IT IN LINUX SERVER)**

It would be best if you did all the work above wholly on your own. Working with anybody else in the class or others on any part of this project will result in a zero grade. **No projects will be accepted after the due date and TIME for any reason.**

Postponing the project is NOT permitted!

تأجيل المشروع مرفوض لأي سبب كان