Lab 4 | Managing files and directories

IMPORTANT - READ ME

Lab video here

- You have to complete labs 0, 1, 2, and 3 before attempting lab 4.
- If you are using the Cloud environment (Apporto), Make sure that you have complete the Setup per this video before doing this lab.
- Managing files and directories
- All the questions in this lab will be in your midterm.
- Questions 1 - 4 are worth 25 points
- Questions 5 does not require a submission.

Question 1: Creating Files and Directories

1. Create a Directory in **YOUR** home directory labeled: `lab4`. Change your current working directory to `~/lab4`.
2. Create 3 directories: `pets`,`docs`,`songs`. Inside each directory, create 2 subdirectories called: `new` and `old`.
3. Inside the `new` and `old` directories, create 3 files: `file1`, `file2`, and `file3`.
4. list the `lab4` directory recursively.
5. Use the `tree` command to list the lab4 directory.

> **Take a screenshot of the terminal only. Your screenshot must show all the commands that you used to answer questions 1-5. Multiple screenshots is allowed**

Question 2: Removing Files and Directories

1. Change your current working directory to: `/srv/`
2. Remove the `file1`, `file2`, `file3` files inside the `labs/pets/new/` directory without changing your current working directory.
3. Remove the `pets` directory without changing your current working directory.
4. Remove the `docs` and `songs` directories without changing your current working directory.
5. Remove the `lab4` directory without changing your current working directory.

> **Take a screenshot of the terminal only. Your screenshot must show all the commands that you used to answer questions 1-5. Multiple screenshots is allowed**

Question 3: Moving Files and Directories

1. Make sure that you are working on your home directory. Run the following command: `wget https://robertalberto.com/public/lab4.zip && unzip lab4.zip && rm lab4.zip`

2. In your home directory, create the following directories: `lab4-imgs`, `lab4-audio`, `lab4-video`, `lab4-docs`
3. Move all the files inside the lab4 directory to their respective new directories in your home directory.
4. Inside the `lab4` directory, you will find a directory called `Wallpaperlab4`. Move this directory to your `Pictures` directory and rename it to `NewWallpapers`.
5. Rename the `lab4` directory to `Lab-4`.

> **Take a screenshot of the terminal only. Your screenshot must show all the commands that you used to answer questions 1-5. Multiple screenshots is allowed**

Question 4: Copying Files and Directories

1. Go to pexels.com. Download at least 3 wallpapers.
2. Copy the wallpapers to your `Pictures/NewWallpapers` directory.
3. Create a new directory in your Downloads directory (use whatever naming convention you want). Download 3 wallpapers and move them to your new directory.
4. Copy your new directory to the Pictures directory.
5. Remove the new directory in your Downloads directory.

> **Take a screenshot of the terminal only. Your screenshot must show all the commands that you used to answer questions 1-5. Multiple screenshots is allowed**

Question 5: Getting Help

This part of this question requires no screenshot! It is just to practice the man command. You can use the less pager commands to move around the man page:

Less pager commands
From the book on page: 19.

1. Open the man page of the ls command.
2. Open the help page of the man page. Read it!
3. Make sure that you learn how to Quit and Move around.