

**Linux Lab #3 (Optional)**

**Note:** *Before completing this assignment please read/watch the following online resources:*

- The Linux Cookbook: Tips and Techniques for Everyday Use - Files and Directories. (n.d.). Retrieved from [http://dsl.org/cookbook/cookbook\\_8.html](http://dsl.org/cookbook/cookbook_8.html)
- Linux File system Hierarchy. (n.d.). Retrieved from <http://www.tldp.org/LDP/Linux-Filesystem-Hierarchy/html/c23.html>
- *Linux Filesystem Hierarchy - Part One* [Video file]. (n.d.). Retrieved from <https://www.youtube.com/watch?v=460lxxYmZxQ>
- *Linux Filesystem Hierarchy - Part Two* [Video file]. (n.d.). Retrieved from <https://www.youtube.com/watch?v=WMaWG5ZRht4>

Now first move to your home directory `cd ..` and then as shown in the fig below, and to create a script file type the following at the command prompt :

**\$ script Linux Lab #3** ← ( hit enter) *and answer the following questions at the command prompt:*

1. Go to the parent directory of the current directory.
2. Go to the root directory.
3. List a long listing of the root directory.
4. Stay where you are, and list the contents of `/etc`.
5. Stay where you are, and list the contents of `/bin` and `/sbin`.
6. Stay where you are, and list the contents of `~`.
7. List all the files (including hidden files) in your home directory.
8. List the files in `/boot` in a human readable format.
9. Create a directory `testdir` in your home directory.
10. Change to the `/etc` directory, stay here and create a directory `newdir` in your home directory.
11. Create in one command the directories `~/dir1/dir2/dir3` (dir3 is a subdirectory from dir2, and dir2 is a subdirectory from dir1 ).
12. Remove the directory `testdir`.

13. Create a directory **~/touched** and enter it.
14. Create the files **today.txt** and **yesterday.txt** in **touched**.
15. Copy **yesterday.txt** to **copy.yesterday.txt**
16. Rename **copy.yesterday.txt** to **kim**
17. Create a directory called **~/testbackup** and copy all files from **~/touched** into it.
18. Use one command to remove the directory **~/testbackup** and all files into it.
19. Display the first 12 lines of **/etc/services**.
20. Display the last line of **/etc/passwd**.

To stop the script file... simple type **exit** at the command prompt.