Linux Lab Exercises

Tasks

1.   Log in to Linux with your username and password.

2.   If you are in a graphical desktop, take a terminal

3.   In the terminal, you should be in your home directory. Verify this using the "print working directory" command
>   pwd
>   /home/user1

4.   Check if you have any files in your home directory using each of the following commands.
>   ls
>   ls -a
>   ls -al

>   Why do the first and second command return different number of files?
>   What is the size of the largest file and the largest directory currently in your home directory as reported by the third command?

5.   Use the ls command to examine the results of the previous command. You should find that it created the following 3 new, empty files in the home directory.
>   ls

6.   Use mkdir to create a few directories. As you change directories, be sure to check that your working directory is as expected.
>   mkdir Projects
>   mkdir Projects/graphs
>   cd Projects
>   pwd
>   cd reports
>   pwd
>   mkdir ../Backups

Use ls to examine your work:
>   cd
>   ls -l
>   ls Projects

7.   List txt files only
>   ls *.txt

8.   List files starting with 'a' and ending with 'e'

9.   Remove the one file:
>   rm file1
>   ls

10.   Delete graphs directory
>   rmdir graphs

11.   How to View the Contents of any File without opening it?

12.   How to view the list of Commands executed?

13.   Show how to create multiple directory in a single instance ?

14.   Merge the contents of file1.txt, file2.txt, file3.txt to file4.txt ?

15.   How to remove any subdirectory including its parent directory ?