Week report 4

Navigating the filesystem

Summary

A Linux system is a collection of data and files stored on your computer's hard drive or memory. The computer relies on this files system to determine the location and location of files in storage.

commands	what the command does	examples
pwd	used for displaying current working directoryZ	`pwd`
cd	used for changing the current working directory	`cd /home/usr/documents`
ls	used for displaying all the files inside a given directory	`ls -a ~/pictures`

Definitions of following terms:

1. File system The way files are stored and organized to simplify access to data.
2. Current directory The directory is which the user is currently working in.
3. Parent directory A directory that is above another directory in the directory tree.
4. The difference between your home directory and the home directory **your home directory** means in the files system everything comes under the root directory. **the home directory** means the home contains a particular user's data.
5. Pathname A pathname is a list of names that will lead to a file.
6. Relative path The path related to the present working directly.
7. Absolute path The specifying the location of a file or directory from root directory.

What is the right to repair movement and why does it matter?

Buyers habitually spend a critical sum of cash on these machines and gadgets, as it were to find that they are out of date in a couple of a long time after buy. A smartphone's battery, for case, is likely to debase with time and decrease the device's execution. In case the battery can't be supplanted, the buyer is compelled to toss absent the phone and pay thousands of dollar on a modern one. Product life is additionally abbreviated by fragile and hopeless components. Bolster for useful gadgets and non-standard parts is additionally being staged out by producers. Most advanced innovation is made up of fundamental and hopeless parts, particularly when it is fueled by capable computer chips. As gadgets ended up more troublesome to settle, campaigners and buyer bunches are campaigning for the 'Right to Repair' development, which points to permit individuals to repair their gadgets items themselves or through third-party experts