Operating System

Lab #2

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BSCS-5

1: What is the advantage of virtualization over dual boot?

Ans: Virtualization offers multiple operating systems to run on a single system such as we can run windows and Linux simultaneously without rebooting it.

2: What is the difference between a directory and a subdirectory?

Ans: Other name for the directory can be folder which contains other files/Subdirectories.

Whereas Subdirectory is known as files that are within the directory.

3: Why does the relative path depend on the current directory?

Ans: The relative path tells us the location of your current file (on which you are working on it). It depends on the current directory because your system starts checking from your current file, so the same relative path points to other different files.

4: Why does the absolute path always start with /?

Ans: Absolute path starts from / (root directory) because it shows the complete address of a file from the starting point (root) to the end.

5: How is the home directory different from the root directory?

Ans: Root directory is the main folder of the whole system and home directory is a personal folder of the user where the users' files are stored and most of the time the name of the home directory matches the login name of the user.