**Day 5 Assignment 3( Linux)**

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**Problem**:

Explain absolute and relative path

**Solution**:

1. Absolute Path:

- An absolute path refers to the complete address of a file or directory starting from the root directory (in Unix-like systems) or from a drive letter (in Windows).

- Example in Unix-like systems: /home/user/documents/file.txt

- Example in Windows: C:\Users\User\Documents\file.txt

- Absolute paths are specific and provide the exact location of the file or directory regardless of the current working directory.

2. Relative Path:

- A relative path specifies the location of a file or directory relative to the current working directory (where you are currently located in the file system).

- Example: If the current working directory is /home/user/, a relative path to file.txt located in the documents directory would be documents/file.txt.

- Relative paths are simpler and shorter compared to absolute paths but depend on the current directory context