**3. explain absolute and relative path**

### **Absolute Path**

An absolute path specifies the exact location of a file or directory from the root of the file system. It provides the full path starting from the root directory (/ on Unix-like systems or C:\ on Windows). Here’s a simple way to understand it:

An example of an absolute path in [Linux](https://phoenixnap.com/kb/what-is-linux) is:

/home/user/documents/file.txt

## Relative Path

 A relative path is the location of a file or directory relative to your current working directory. Unlike an absolute path, the relative path doesn't start with a slash or drive letter since it doesn't start from the root directory.

When a current working directory is */home/user/documents*, and you want to reference a file named *file.txt* in the same directory, use the following relative path:

file.txt