

Day 2 Notes

File System

- How files are stored, named and accessed.
- Tree-like structure
 - Root (or top level) directory
 - Then other directories are nested inside
- In Unix - the root directory is represented by /
- In Windows = C:\
- Not every user will have access to the entire file system

Paths

- When structure can be represented as a tree - we can refer to what we call **paths**

Absolute Path: "measured" from the root directory (or a globally fixed point)

```
C:\Programs\Java\jdk....  
/Users/Revature/Documents/text.txt
```

Relative Paths: "measured" from the location of another file or directory (*relative to another point*)

```
../styles/styleSheet.css
```

. -> represents the current directory
.. -> represents the parent directory

subdirectories are divided by the /

- To execute commands for your OS:
 - Command Prompt (cmd)
 - PowerShell
 - Unix Shell
 - Terminal
 - GitBash -> what we will be using.

Git

- version control tool
- Allows for safer collaboration between teams
- Many different hosting tools
 - GitHub, GitLab, SourceTree, etc.
- Git is the underlying software that these platforms rely on
 - but it is not the platform itself.

