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| cmd | -Native command line interpreter for Windows (Windows specific commands)  -basic commands for file management, system administration, running batch scripts  -different syntax and command compare to Unix-based shell |
| git bash | -Bash shell environment on Windows, allows you to run Unix-like commands  -default shell on Linux and macOS |
| Linux/macOS (BSD) are built on Unix OS, resulting in similar command line structures and functionalities (both uses terminal)  VM  -emulation of a computer (another OS)  Dual Booting  -installing two OS on computer  -Advantages, allows full capabilities of hardware | Shell (c  -computer program that allows users to interact with an OS  -acts as an intermediary between user and OS kernel  - |
| Git and ssh key  Ssh  -password used to identify a machine, makes it so you don’t have to type username/pw every time  - | GNU./Linux |
| macOS is unix based system  c-has zhell off the box  -has homebrew (package manager) | Difference Unix uses /, windows uses \ |
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