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| Action | GUI (Graphical User Interface) in a regular OS | Command | Windows |
| List the items in the current directory | You are using an program like “File Explorer” on Windows, “finder”, “Total Commander” | Ls  items with details: ls -l | Get-ChildItem |
| My current location in the file system | -||- | pwd | Get-Location |
| Do nothing program | - | Sleep *<n>* | sleep |
| Run a program | Double click on exe, or double click on a file, and default app will be executed | Type the path of the executable file |  |
| Action history | - | history | Get-History |
| Change directory | Double click on the directory | Cd <path>  Without parameters (like cd), you will jump back to your home directory | Set-Location |
| Help | - | Man <command name> |  |
| clear | - | Clear | Clear-Host |
| Who logged in to the server? | - | Who | - |
| YOur username | The menu, windows key, command key | Whoami | whoami |
| Hostname | - | Hostname | hostname |
| Creating an empty filr | Right click->New | Touch <FILE PATH>    Note: If the file is already exists, the command refresh the last modification date of the fiel | Net-Item |
| Write something into stdout | - | Echo <parameters> | Write-Output  We have “Write-Host” but they are not the same. Wrte-Host writes something to the terminal. Write-Output writes something to stdoutHst |
| Read a text file | A text editor like Notepad | Cat <FILE PATH> | Get-Content |
| Create a directory | Right click -> new | Mkdir <PATH> | New-Item -ItemType Directory |
| Remove an item | Right click -> delete | Rm <PATH>  Note:  If you would like to delete a whole directory, you need to specify what to do with the sub-elements.  Rm –r means remove recoursevly | Remove-Item |
| Create an archive file | Right click ->send to | Tar  Untar: tar xfv filename  Creating the archive: ar cfv filename directory |  |
| Modify the permission | Right click ->Properties | Chmod  Entities: ugo   And ‘a’ as all  Permissions: rwx  Operators: +-=  Example:  chmod u=rw,g=x,o= apple.txt  A képen szöveg, kézírás, Betűtípus, kalligráfia látható  Automatikusan generált leírás |  |
| Link/Shortcut | Right Click menu | Hard link: ln <TARGET> <LINK NAME>  Soft link: ln –s <TARGET> <LINK NAME> |  |