

Third Session 30/08/2023

Presenter :

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At first we started the session with a quiz on Kahoot about 2 sessions have passed .

Commands that told this session :

- `uname` : Show system information
 - `uname -a` : General information about system .
 - `uname -r` : Show kernel version .
- `date` : Show today time .
- `uptime` : Show time that system is on .
- `last` : Show list of last logged person .
- `who` : Show now user that working .
- `free` : Show available and used ram :
 - `free -m` : Show in megabyte form .
- `lscpu` : Show information of cpu
- `nproc` : Show number of cpu Core .
- `head` : Show first part of file :
 - `head -n [number]` : Show first number lines .
- `tail` : Show last part of file :
 - `tail -n` : Show last number lines .
 - `tail -f` : Show file online .
- `ln` : Make links from file :
 - `ln [destination file] [source file]` : Make a hard link from destination file with name of source file .
 - `ln -s [destination file] [source file]` : Make a soft link from destination file with name of source file .
- `zip` : Achieve a file with .zip format .
- `unzip` : Extract a .zip file .
- `gzip` : Achieving with gzip mode (used for big data)

- `tar` : command to manage achieving :
 - `tar -c` : Create an archive file .
 - `tar -v` : Prints files that is achieving online on terminal
 - `tar -z` : Creating a file using gzip compression .
 - `tar -f` : Specifies name of archive file .
 - `tar -r` : Append a file into .tar file .
 - `tar -x` : Extract the archive file .

After all he mentioned directories in linux and their usage :

- `bin` : Directory for binary file that using for working system .
- `boot` : Directory for boot file using for loading operating system .
- `dev` : Directory for special file .
- `etc` : Directory for editable text configuration .
- `home` : Directory for users home directory .
- `opt` : Directory for third-party applications .
- `proc` : Directory for system config information .
- `root` : Root user home directory .

Some of directories will mention next session .