

# Linux Commands

## Basic Navigation Commands

\$ pwd — Print Working Directory

Show your current location in the file system

\$ cd — Change Directory

### Examples

cd ~ # Go to home directory

cd desktop # enter into folder

cd .. # Go back one directory

cd ../.. # Go back 2 directories

cd /home/user/folder # Absolute path → Complete path

cd folder # Relative path

\*\* Press Tab to Auto-complete directory/file names

\$ clear — Clear all text from terminal screen

## File and Directory Management

\$ ls — list Directory Contents

ls # Basic listing (names of folders & files only)

ls -l # Detailed listing with permission

ls -a # Shows hidden files (starting with .)

`ls -lt` # sort by time (newest first)

`ls -ltr` # sort by time (oldest first)

`ls -lh` # human-readable file sizes

`ls -R` # recursive listing (shows subdirectories)

### Color Coding:

Blue - Directories / folders

Green - executable file

Black/white - regular files

`$ mkdir` - Make Directory

`$ mkdir <name>` # creates single directory

`$ mkdir -p local_file/test_directory` # creates nested directories  
②

`$ touch` - Create Empty files

• We can create new empty files or update timestamps of existing files

`$ touch filename.txt` # create empty file

② `$ touch /<path>/file_name.txt` # create file with full paths