

## Linux

- Open source operating system
- based on Unix
- Stability, security and flexibility
- Used command line interface.

(GUI)

→ Popular Linux

- └ Ubuntu
- └ Fedora
- └ Kali Linux

## Basic Linux Commands

`pwd` → Shows current folder path

`ls` → List files in current folder

`cd` → Changes directory (folder)

`mkdir` → Makes a new folder

`touch` → Creates an empty file

`rm` → Delete file or folder

`cp` → Copies files or folders

`mv` → Moves or renames files/folders

`clear` → Clears the terminal screen

`exit` → Closes the terminal

## Git

- Version control system
- Tracks changes in code and helps manage version
- Used locally
- offline use
- command line

## GitHub

- web based hosting
- Store, share and collaborate
- used online via web browser
- Online works
- GitHub a website