Git

- Git has become one of the most popular version control systems.
- Git allows developers to track changes to their codebase over time.
- It provides features for creating snapshots of the code at different points in its development, branching and merging code to facilitate parallel development, and collaborating with other developers through remote repositories.
- Using git developers can avoid mistakes in combining the code of multiple developers.
- And also git can help the developer to fix bugs if they occur in the future.

Some are the following git commands.

- ❖ git init: Initializes a new Git repository in the current directory.

- ❖ git clone: Creates a copy of a repository from a remote server.

- ❖ git add: Adds changes in the working directory to the staging area.

- ❖ git commit: Records changes in the staging area to the repository.

- ❖ git status: Displays the status of the working directory and staging area.

- ❖ git push: Pushes local commits to a remote repository.

- ❖ git pull: Fetches changes from a remote repository and merges them into the current branch.

- ❖ git branch: Lists, creates, or deletes branches.

- ❖ git merge: Combines changes from one branch into another.

- ❖ git log: Displays the commit history.