

18/03/2024 GIT:

- i) Version control system.
- ii) GIT → Local Repository.
- iii) GITHUB → Remote Repository.
- iv) Web-based Git Repository Hosting Service.

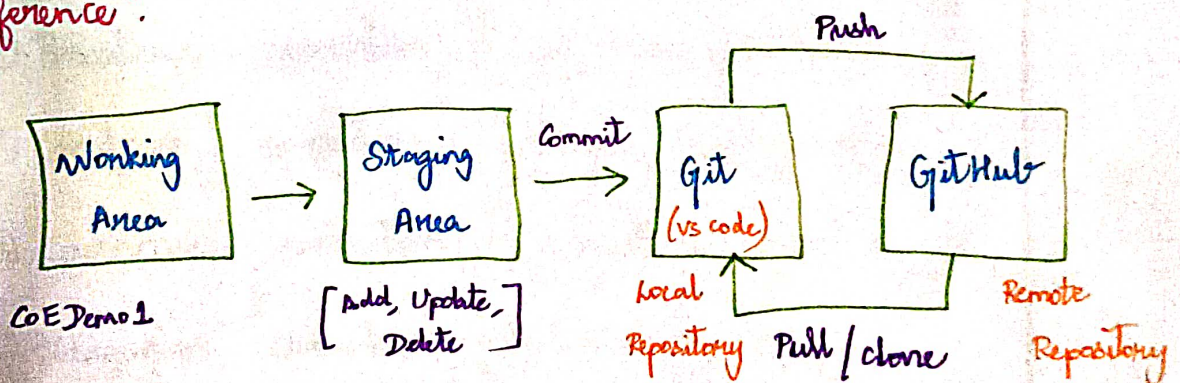
Alternatives:

- ① Bit Bucket
- ② Git Bucket
- ③ Jenkins
- ④ Azure
- ⑤ AWS etc.,

Steps to make changes through remote repository:

- ① Insert → Add → commit → Push → Remote Repository
- ② Modify → Add → commit → Push → Remote Repository
- ③ Delete → Add → commit → Push → Remote Repository

Reference:



Example: (Local to Remote Repository)

- ① Navigate to your local repository.

`cd /"path"`

- ② Add and commit changes

`git add .`

`git commit -m "Your message"`

`git status`

(for stepwise verification)



③ Push changes to remote repository.

`git push origin main`

④ Enter your GitHub credentials.

Example: (Remote to local repository)

① Navigate to your local repository

`cd / "path"`

② Pull changes from remote repository

`git pull origin main`

③ Resolve merge conflicts

④ Verify changes.