// Repository

git init // Initialize a new Git Repo

git clone <repo-url> // Clone a Repo from URL

// Basics

git status // Show Changes Status

git add <file> // Add Changes to Staging

git commit -m "Message" // Commit changes with a message

git log // View Commit History

// Branching

git branch // List branches

git branch <branch-name> // Create a new branch

git checkout <branch-name> // Switch to a branch

git merge <branch-name> // Merge changes from a branch

git branch -d <branch-name> // Delete a branch

// Remote Repositories

git remote // List remotes

git remote add <name> <url> // Add a remote

git push <remote> <branch> // Push changes to a remote

git pull <remote> <branch> // Pull changes from a remote

// Undoing Changes

git pull // Fetch and merge changes

git fetch // Fetch changes without merging

git reset--hard HEAD // Discard changes

git revert <commit-hash> // Revert changes in a commit

Some notes of Github:

Github is a remote repository

Workspace/local repository is computer project folder

Stage has 3: modified, staged, commited

Step-01: git branch <branch\_name> // create a branch

Step-02: git checkout <branch\_name> // switch to branch name

Step-03: git merge <branch\_name> // name of the current branch

git add

****

Stage

**git merge**

git pull

****

= git fetch + git merge

git fetch

git fetch

git push

git pull

commit

git reset

Local Repository

Remote Repository

Local Repository

Remote Repository