

Day 17

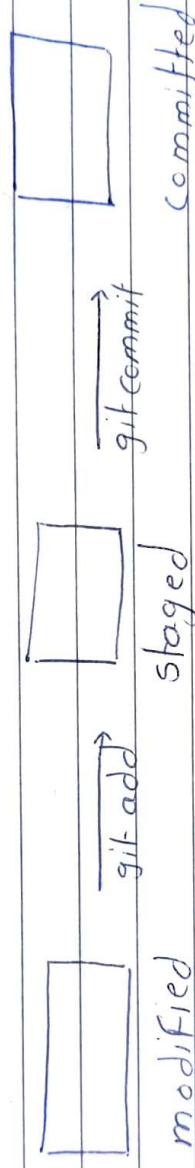
★ Creating and cloning repository

git clone "repository url"

* list all : `ls -la`

Git workflow - Git uses workflows which can be broken into three states namely

- 1) Modified
- 2) Staged
- 3) Committed



1) Modified - Adding, removing and updating any file inside the repository is considered a modified state.

2) Staged - Git knows the file has changed, but does not track it. This is where the staging state comes in. In order for Git to track a file, it needs to be put in the staged area. Once added, any modification are tracked.

3) Committed - Committing a file in git is like a save point in many ways. Git saves the file and have a snapshot of the current changes.

* git status - Checks if any changes or commits are there. also displays what branch we're on.

* Git add - Git command that marks a file to be included as part of code commit.

* git commit -m "short description (optional)"

* git branch
git checkout -B _____

* git branches exist in isolation
Changes need to be merged back to the main branch

* pull request

The purpose of the pull request is to obtain a peer review of changes made to the branch.

git push -u origin "_____"

* Remote refers to any other remote repository to which developers can push change. This can be centralized repository, such as one provided by Github or repositories on other developer devices.