

# Git Course

## I. How will you know in GIT if a branch has been already merged into master?

Command - `git merge <branch>`

Output:

- a) Already merged then : Already up to date
- b) Not merged then : merging start

## II. How can you delete branches both locally and remotely?

- a) To delete the local branch use one of the following:

```
$ git branch -d <branch_name>
```

```
$ git branch -D <branch_name>
```

The -d option is an alias for `--delete`, which only deletes the branch if it has been fully merged in its upstream branch.

- b) To delete the remote branch use:

```
$ git push <remote_server> --delete <branch_name>
```

How is our code stored in git?

### User Think:

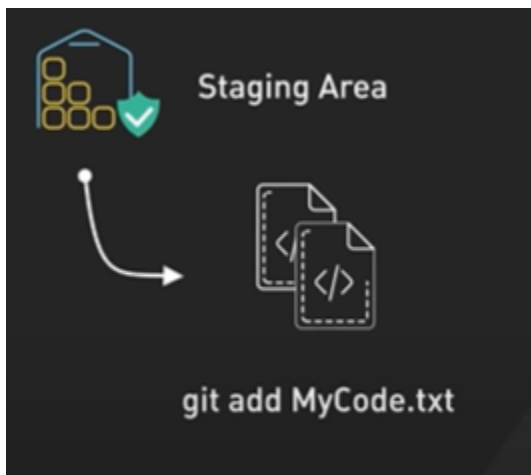


### Actual Working:

- 1) localWorkingDir - where we edit our files/code



- 2) Staging Area - temporary space for holding changes before committing.



- 3) Local Repository - Space where we store our commits locally.



4) Remote Repository - A server for sharing and backing up code.

