
Git and Github

Git is a locally stored platform which has a versioning system

Github

To initialise git

`git init`

`git add filename`

To commit (Consider why, how, effects, limitations while writing the meaningful message)

`git commit -m "meaning ful message"`

Things to take care:

- Dont do double `git init`
- dont move any sub folder out of the folder unless not required further

Conceptual areas (Developing area, staging area and Local repository)

- Developing area: In the system, where the file is developed (pwd)
- .git (is a local repository where all the updates are saved)
- staging area

`git config --list`

`git config --global user.name "Nafia"`

`git config --global`

`git status` (to see the status of files {to be staged,to be committed, untracked})

to be staged: You have committed it before, made changes later and git recognise the new changes are not yet `add` not `commit`

to be committed: You have committed it before, made changes later and git recognise the new changes as `add` not `commit`

untracked: Is a complete new file has never `add` not `commit`

Just writing few lines to commit without a message

`git log`

`git status` : check in what conceptual area my file/folder is

`git log`: show the history of commits/ show all that you have saved in your local repository/
shows you in the terminal what ugit shows in an interface

`- git log -n N`

`- git log --abbrev-commit`

`- git log --help`

`git show`: shows the commits that you asked for comparison

`- git show id1 id2`

`git diff`: show the difference between, line by line with commit ids

`- git diff id1 id2`

README.txt

.gitignore