Git & GitHub

*git init*

to initialize the git at the current directiory

*git clone*

to clone the given repository at the current directory

*git status*

to check the commit status of the repo

*git diff <filename>*

to check what changes occured in a file

*git log*

to see all the changes made

*git log -5*

to see last five changes

*git branch navibranchnunam*

creates new branch named navibranchnunam

*git checkout -b navibranchnunam*

creates new branch named navibranchnunam and navigates to it \* -b jose eni vagar nai thai \*

*git checkout master*

switchse to master branch

\*important: je branch ma apde already hoi tyathi te branch delete no thai biji branch ma javu pade for example to hu navibranchnunam ma hoi to ty thi hu 'git checkout -b navibranchnunam' karin e branch delete no kari saku, delete karva mate mare master athva biji koi branch ma pela navigate thaviu pade\*

*git branch -d navibranchnunam*

deletes branch named navibranchnunam

query : staged and unstaged area?

*git commit -m "message"*

commits to current branch with the following comment

\*important jo navi branch ne master branch thi merge karravi hoi to pela navigate to master branch amd merge navibranchnunam, undhu nai chale\*

*git merge navibranchnunam*

merges the current branch with navibranchnunam

query: git reset (hard/soft), git restore, git pull, git push

Uploading local repo to GitHub

Step 1: create new repository

Step 2: copy the url of repo

Step 3: link your local repo to github repo, fire command

*git remote add <Branch\_name> <REMOTE\_URL>*

*i.e. $ git remote add origin https://github.com/octocat/Spoon-Knife.git*

Step 4: push the local repo to github branch now by

*git push <Branch\_name> <Remote\_branch\_name>*

*i.e. $ git push origin master*