git commands

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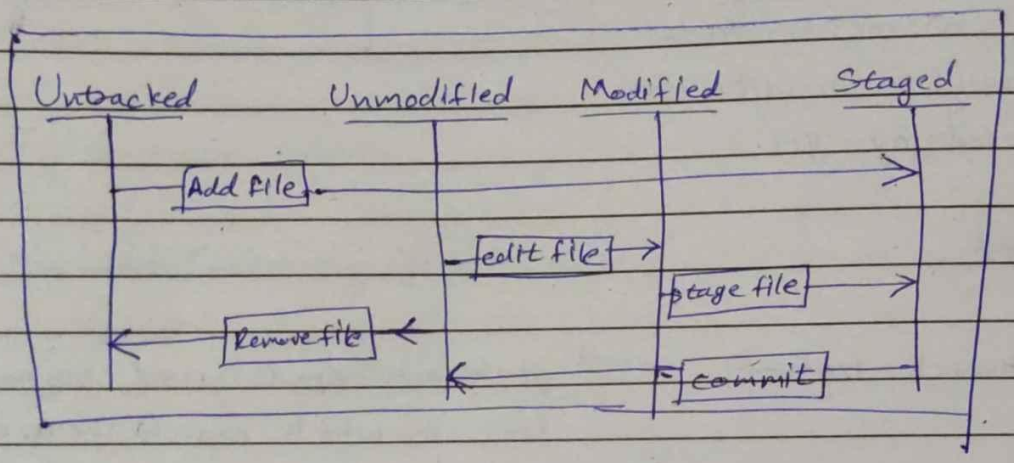
git config --global user.name
git config --global user.email

git init ← To initialize git in folder
git status ← status of files



⇒ How to add files to staging Area

git add eg1.c
git status or git status -s
↳ summarised status

⇒ To start tracking of our project, we should make commit we call it initial commit

git commit ⟶ After these command if notepad opens write commentment ^ Initial commit at top.

git add -A ⟶ To add all files in staging area

git commit -m "add more files" ⟶ substitute of git commit

↳ These command used for not to deal with editor

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⇒ To undo unexpected changes of files or in source code if we have not yet commited ~~files changes~~ unexpeted changes.

git checkout ⟶ Used to check which files are changed (~~files~~ changes are not commited yet)

git checkout egl.c ⟶ Used to undo ~~changes~~ unexpected change in egl.c file.

git checkout -f ⟶ used to undo all changes (It will match files with last commit) (~~f will replace files with last commit files~~)

⇒ git log (To see what we have commit)

git log -n ⟶ It will give last n number of commits ~~n~~ n is integer

git log -p -n ⟶ It will give details which lines are added and removed in source code

⇒ git diff ⟶ It will compare working directory with staging Area

- git diff --staged ⟶ It will compare staging area with last commit

⇒ Removing file

- git rm --cached egl.c ⟶ It is used to remove file from staged area not from working directory.

git rm egl.c ⟶ It is used to remove file from staged area and also from working directory

⇒ git ignore ⟶ Create .gitignore file And open it in notepad

* git ignore is used for ignoring files.
  - temp/ which we do not want to track.

* File, folders names or extensions which are written in .gitignore will be ignored by git.

⇒ Branches

git branch ~~feature1~~ ⟶ git branch cmd used to ~~create~~ know in which branch we are working.

git branch feature1 ⟶ These will create a new branch named as feature1

git checkout feature1 ⟶ These cmd will switch master branch to feature1 branch

git merge feature1 ⟶ These cmd will merge branch feature1 to ~~ex~~ current open branch (Here master branch)

git checkout -b feature2 ⟶ These will create a new branch and branch will be open

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⇒ reset

git reset git log Id → used to reset project
code

⇒ stash

git stash
git stashpop
git stash clear

⇒ ~~To add~~ Connecting Remote repository to ~~Local~~ repository

git remote add origin URL

git remote -V — To see fetch & push URL

git push origin master → branch which we push to Github

⇒ To merge commits

git rebase -i log Id

⇒ To delete branch locally

git branch -d feature2