

Git commands

● GIT WORKING DIR

1- To initialize/start the git

git init

2- To see the status of the code in which workflow

git status

3- To add all the file from working directory to staging area

git add .

4- To add specific file from working directory to staging area

git add file_name

5- to see the difference between present file and previous file

git diff

6- to get back to the previous file before the recent edit

git checkout your_current_file_name

7- to get a specific commit file version

git checkout commit_id

4- (to add code from staging area to local repo with a message)

git commit -m "commit_message"

5 - (shows the info regarding commit ex - commit id, user name, user email and other info regarding error and code)

git log --oneline

6- (to show the info regarding particular commit id ex - code and changes in code)

git show commit_id

● GIT CENTRAL REPO (GITHUB)

7- (to connect local repo to central repo)

git remote add origin github_repo_url

8- (to put the code from local repo to central repo into master branch)

git push -u origin master

9- (to take the code from central repo to local repo from master branch)

git pull origin master

10- (to ignore the specific file while committing to local repo)

(Ex - vi .gitignore

and enter file type you want to ignore while commit ex- *.json, *.phy , *.html)

● GIT BRANCH AND MERGE

11- To see which branch you are in

git branch

12- To create a new branch

git branch branch_name

13- to change/switch to a branch

git checkout branch_name

14- to delete a branch after merging

git branch -d branch_name

15- to delete a branch forceful before merging

git branch -D branch_name

16- to merge to two branches of a repo

git merge branch_name

● GIT STASHING

17- to stash a file/item

git stash

18- to see what inside stash

git stash list

19- to use a file/item from stash

git stash apply stash@{1}

20- to clear or delete a stash item

git stash clear

● GIT STAGING

21- to put code file back from staging to working directory

git reset file_name

Then

git reset .

22- to put code file back from staging to working directory

git restore --staged file_name

● GIT REVERT

22- to revert to the previous file after a wrong commit

git revert wrong_commit_id

NOTE:- add a message “please ignore previous commit”

23- to delete untracked files

git clean -n

Then

git clean -f

● GIT TAGS

24- to add tags to your commit

git tag -a tag_name -m "message"

25- to the available tags / tag names

git tag

26- to see the commit related to that tag

git show tag_name

27- to delete the tag

git tag -d tag_name

● GIT CLONING

28- to clone a file/repository from central repo to local repo

git clone repo_url