Git Tutorials

1. git branch : - To check all branches lists.

2. git branch <branch name> : - To create a new branch

e.g : git branch web1

3. git checkout : - To switch to another branch

e.g : git checkout web1

a. git checkout –b web2 : To create and swithch to new branch web2

b. git add . ----> git push origin web2 :- To push to remote repo

4. git push origin –d <branch-name> : To delete branch from remote repo

e.g: git push origin –d web2

5. Delete local and remote branches

Locally : git branch –d < branch-name>

e.g: git branch –d web1

Remote: git push origin -d <branch-name>

e.g: git push origin –d web1

6. Rename local and remote brnaches name

Locally : git branch –m <old-branch-name> <new-branch-name>

e.g: git branch –m web1 web1\_new

Remote: git push origin : <old-branch-name> <new-branch-name>

e.g: git push origin : web1 web1\_new

7. git log: To check all commits

e.g: git log --oneline

8. git fetch : To download lastest changes into local repository. It downloads

fresh changes that other developers have pushed to the remote

repository since the last fetch, and allows you to review and

merge mutually at a later time using git merge . Because it

doesn’t change your working directory or the staging area, it is

entirely safe , and you can run it as often as you want.

9. git pull : git pull downloads latest changes into the local repository and it

also automatically merges change in your working directory. It doesn't give you

a chance to review the changes before merging, and as a consequence, 'merge

conflicts' can and do occur. One important thing to keep in mind is that it will

merge only into the current working branch. Other branches will stay

unaffected.

e.g: git pull = git fetch + git merge

10. Revert a commit: Revert back those commit which have been alredy pushed

to remote repository.

git revert <commit-id>

e.g: git revert 62517235adtah7y7avhsg

a. It open a editor--> then press escape to go in inert mode -->

then press i --> type any message --> press escape then **:wq!**