**Command that are used in Git**

touch file1 ==> create a new empty file

ls ==> list the files in directory

git status ==> check the place of file whether placed in Workspace or Staging/Index phase

git add file1 ==> by using add <files-name> command move file from Working Space to Staging/Index phase

git status ==> to check the placement of file whether in Workspace or Staging/Index

git commit -m "Label" file1 ==> this command is used to message the changes/Modification done in file and also move the file to workspace to Local Repo with creating CID to the file

git status ==> by using this command we able to check the file in Workspace and Staging/Index

git log ==> to check ready files that there moving from Local Repo to Central Repository with CID label

git show cid ==> this command is to use show the files content in CID

For creating Multiple files using command in git

touch file2 file3 file4 file5 ==> create multiple new empty file

git status ==> check the place of file whether placed in Workspace or Staging/Index phase

git add file2 file4 ==> by using add <files-name> <files-name> command move specific file from Working Space to Staging/Index phase

(or)

git add. ==> by using this command total files in workspace can move to staging/index phase

(or)

git add \* ==> by using this command total files in workspace can move to staging/index phase

(or)

git add -A ==> by using this command total files in workspace can move to staging/index phase

git status ==> check the place of file whether placed in Workspace or Staging/Index phase

git commit -m "Label" ==> this command is used to message the changes/Modification done in file and also move the file to workspace to Local Repo with creating CID to the file

git reset --self cid ==> by using this command getting back files that are present in local repo to staging.

git reset HEAD file-name ==> by using this command getting back files that are present in staging to workspace.

git reset --mixed cid ==> by using this command direct moving file that present in Local repo as well as file in staging to Workspace

-----------------------------------------------------------------------------------------------------------------------------------------------

Download File Form Central Repository to Local Machine Commands

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

git clone https://https://github.com/BKTPTY/GitLearningClass.git ==> by using clone command we can download the file form GitHub to local machine where we can do modification according to project.

ls ==> list the files in directory

cd GitLearningClass.git ==>change directory to my file

Note: After clone from git we need to change directory to our file

touch bala ==> create a new empty file

git status

git add.

git commit -m "label" Bala

git push ==> we can push the <file>Bala to central repository from local machine

git pull

git pull - - rebase 🡺 the command Git Pull - - rebase is used to pull form Central Repository because as u r account in Repository some modified or create new files arte push by some body to Central Repository and while we also push means we will be rejected because it will compare files in Repo and file in Central Repository if it finds difference then it will rejected.

So need to use Git pull or Git pull - -rebase commands to update the changes in central Repository to Local Repo.

git push 🡺 After using pull - -rebase command, then we need to use git push command to move updated/changed files in my local machine to Central Repository.

-------------------------------------------------------------------------------------------------------------------------