**GIT & GIT HUB**

* git config = To login with email & ID
* git config --global user.email “your mail [id@example.com](mailto:id@example.com)”
* git config --global user.name “User name”
* git init = To create an empty ***.Git Repository***
* git status = To see the status of files
* git add . / git add <file name>= To add new files from folder to git repository to git bash
* git commit -m “commit name” = Commit is nothing but the changes and modifications in the files that will be named i.e commit
* git log = To check the list of commits in git bash
* git reset = To delete particular commits
* git reset --soft HEAD~1(The commit number to be deleted)
* git reset –mixed
* git reset –hard
* git diff = To see,compare and understand changes in the project.
* git diff filename.extension
* git diff HEAD~1
* git branch = To create,list,rename & delete branches
* To Create Branch : git branch <new branch name>
* To Delete Branch : git branch -d <branch name>
* To List All Branches : git branch
* To switch Branch : git checkout <branch name>
* To Create & Switch Branch : git checkout -b <new branch name>
* git checkout = To switch the branches / branchnames
* git stash = It will hide the data for a while without interruption.
* git stash : To create stash
* git stash list : To check the list of stash
* git stash show -p stash@{Index num} : To view the stash details
* git stash drop stash@{Index num} : To delete stashed changes
* git stash apply stash@{Index num} : To apply / restash the stashed data
* git revert : A forward moving undo option .
* git revert <commit Id>
* git merge : The way of putting a forked history back together again
* git merge <branch name>

**GIT HUB**

* How to create a git repository in git hub ?
* We do have three ways to create ,

One main way to create is after opening a dashboard we do see the new repository .Click on that .

* It will ask either public / private .Choose the required
* How to delete a git repository in git hub ?
* Open respective repository and go to the settings ,Scroll it down they we can see the delete repository .
* How to check .ssh keys ??

Click on THIS PC 🡪 Click on User 🡪 Click on desktop name / admin name 🡪 Here we can find the .ssh keys .

* How to create .ssh Keys ?
* Get into github 🡪 Open profile 🡪 we can see there settings 🡪 click on settings ,here we can see the SSH & GPG keys 🡪 click on guidance 🡪 there we see two algorithms with “ED & RSA” 🡪 Select any one algorithm and paste it on git bash .
* Now , check the .ssh weather created or not !!

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* Drag the public key on to the notepad to save the code ,The copied code paste in the ssh key .Now the .ssh key is created in git hub also .
* git push = To push the data .
* git push : Only commits will get pushed from git bash to git hub i.e the data in working area / staging area data cannot be uploaded.
* git remote add <name> <url> : To define the particular project ,There it will push the data .
* git pull : It is used to fetch & download content from a remote repository and immediately upload the local repository to match that content.
* git pull : To pull / fetch the content / data .
* git pull request : The way of proposal to merge a set of changes from one branch into another
* Once you've committed changes to your local copy of the repository, click the Create Pull Request icon.
* Check that the local branch and repository you're merging from, and the remote branch and repository you're merging into, are correct. Then give the pull request a title and a description.
* Now its created !

*Note : I hope it was so clear of each & every command .*