

Git Commands

Set up the user name and pass

Git config -global user.name "username" :- To save username locally

Git config —global user.email "email" :- To save email of git user.

Git config —global user.pass "password" :- To save the password

Git config -l :- To check all the saved user details.

Commands to check commits

Git log :- To check all the commit with details of who did those commit and time and id of commit.

Git log —pretty=oneline :- To only get the id and commit message.

Add connection between local repository and global repo

Git remote add originname "url of the repo either https or SSH" :- To connect our local directory to global repository.

Git remote remove "url" :- To remove the url from the locally repo.

Commands to check and manipulate repository locally and globally

Git status :- To check the status of files and it checks all the tracked and untrack

Git init :- To initialize the git and add .git to our directory

Git add . & Git add fileName :- To add all the untracked files to tracked fiile

Git commit -m "message" :- To commit all the changes of our local files.

Git push -u origin OriginName(Master/Main) :- To push our local changes to cloud repository

Git pull :- To fetch and download the contents of remote repository and match to local repository

Git clone 'urlToTheprojet' :- To clone the git project to our local system.

Commands to go with branch and do some stuff

Git branch -v :- To list out all the branches created.

Git branch -m newBranchName :- To change the name of existing branch(rename)

Git branch -v newBranchName :- To create a copy of existing branch

Git checkout branchName :- To switch from one branch to another branch

Git branch -M NewName :- To change the branch name even if another branch exist with the same name.

Git branch -c branchname :- To create a copy of branch.

Git branch -C branchName :- To create a copy of a branch and keep the name same.

Git merge branch :- Merge a one branch to another branch or repository.

Commands to generate SSH key and using them

ssh-keygen -t ed25519 -C "Email" or ssh-keygen -t rsa -b 4096 -C "Email" :- To generate SSH key

ls -al ~/.ssh :- To check all the existing SSH key.