**GitHub Upload Process / COMMIT**

**PUSH (Uploaded to cloud)**

git push origin <Branch\_name> git remote add origin <server>

**COMMIT (To confirm we have saved the changes)**

git commit -m “<any\_message>”

**STAGING (Commit 1 : )**

git add \* / git add <file\_name>



**LOCAL (Remote Server )**

git init (Creates **.git** file in the project file – hidden file)

**INITILIZE**

git config --global user.email <mailID>

cmd **Required for**

git config --global user.name "<name>" **the first time**

**REQUIRED FILE**

**GitHub Download Process / PULL**

**Git**

git clone <path of the repository> 🡪 To create the working copy of the repository 🡪 Need only for the first time

git pull origin <branch\_name> To get the latest changes

**LOCAL**

**Miscellaneous Commands :**

git status :

* List the files you've changed and those you still need to add or commit.
* To reconfirm that which are all the files we have changed, If the list shows any other file in the list we can correct the accidental changes and commit the file.

**Branching :**

git checkout -b <branch\_name> : Create a new branch and switch to it

git branch : List all the branches in your repo, and also tell you what branch you're currently in with \*

and green color

git checkout <branch\_name> : Switch from one branch to another

git push origin <branch\_name> : Push the branch to your remote repository, so others can use it

git push --all origin : Push all branches to your remote repository

git branch -d <branch\_name> : Delete the feature branch

git push origin :<branch\_name> : Delete a branch on your remote repository

git merge <branchname> : To merge a different branch into our active branch

**Merge Conflicts :**

**UNDO :** (Reset and take the base codes when you started the work)

git fetch origin

git reset --hard origin/master

* Instead, to drop all your local changes and commits, fetch the latest history from the server and point your local master branch at it, do this