Git & Github Tutorial:

***Git command Line:***

Check the version of git: git --version

To set a user name: git config --global user.name "Name of the person".

To set a user email: git config --global user.email "userMail"

To edit global credentials: git config --global --edit

To check commit status: git status

To add files in stage (if manually you want to add selective files): git add <filename with extension>

To add all files in stage: git add .

To commit: git commit -m “initial commit”

To check all the commit: git log

To go back into previous commit : git checkout <commit id in git log section>

To go to master: git checkout master

Git checkout: used to move from 1 branch to another

To list no of branch: git branch

To create a branch: git branch <branchNameYouWantToCreate>

To move to that branch: git checkout <BranchName>

To create another branch without going back to master branch and checkout to that branch: git checkout -b <branchName/project status on which they are working>

To add that file to the parent branch: git merge <branchName>

To ignore other files to be tracked by git: create a .gitignore file and add the file name with extension in that file

*Git-hub Tutorial:*

Pushing an existing repository from the command line:

🡺 git remote add origin <created repository link from your github account/Name.git>

🡺git branch -M master/main

🡺git push -u origin master

🡺for pushing other branches in your git hub profile:

* git checkout <branchName>
* git push origin -u <branchName>

For later changes in the code:

* git add <filename.ext>
* git commit -m “message”
* git push

*Git Cloning:*

🡺At first fork the git repository in your git-hub account from other’s git hub account

🡺After that copy the HTTPS link from the code section

🡺git clone <copied repo url>

To merge/update cloned repository in owner’s repository:

🡺 create a pull request to that

🡺Inside the owner’s repository accept the pull request to merge the code changes