**GIT AND GITHUB**

**DOWNLOAD GIT**

First download git from [ <https://git-scm.com/> ]

After installing git, open git bash and write command “git” to check whether git is installed or not.

**COMMANDS IN GIT BASH**

* ls – List out all the directories and files in a disk
* mkdir – Create a new directory in current directory
* cd [directory name] – change current directory to new one
* git init – initialize empty git repository(folder)
* ls -all – List out all the directories and files in a disk hidden or unhidden
* touch [filename] – To create a new file
* git status – To check the status of the project what changes ‘ve made
* git add [filename] / . – Add File or all the files in the staging area
* git commit -m “message” – Commit the changes with a message
* git restore --staged [filename] – To remove a file from staging area
* git log – To see the history of commits or project changes
* rm -rf [filename] – To delete a file from directory
* git stash – Move the project to the last commit that you’ve made
* git stash pop – Move all the previous files after deletion in front of you
* git stash clear – Clear the stash files
* git remote add origin “url of repo” – Adding a url named origin on our folder
* git remote -v – List out url of the remote repositories
* git push [urlName] [branchName] – Push the commits to a repo with selected branch name and url name
* git branch – List out all the branches in current git repo
* git branch [branch Name] – Create a new branch [branch Name]
* git checkout [branch Name] – Switch to the branch Name

**We have to create a folk repo to make changes on other’s project, we can’t directly gain access to the main repo.**