**Git**

ls 🡪 list all the folders present in the directory

mkdir 🡪 make directory

cd 🡪 change directory

**Repository**

git init 🡪 initialize an empty git repository in particular folder

ls -a 🡪 to see hidden files

git status 🡪 will show untracked files only in that directory where .git folder is there

git add . 🡪 all files will be added

git commit -m “commit name” 🡪 commit those files which were added

git restore - - staged Git\_Hub.docx 🡪 will convert green file to red file

git log 🡪 entire history of the project commit’s

git reset 2b82c969868f8cebeb4fdbb879e5e3220771629f 🡪 command to go to that particular change (using hash code), changes above this change will be removed

vi Git\_Hub.docx 🡪 will open this file in cmd and we can write text (change in file)

git touch new\_file.docx 🡪 to rename file

git stash 🡪 when we want to keep changes without committing and also without losing them

cat Git\_Hub.docx 🡪

git stash pop 🡪 to get back stash changes

git stash clear 🡪 stash changes deleted

git branch Devarshi 🡪 to create new branch

git checkout Devarshi 🡪 now the head will come to Devarshi branch (as we don’t want to change in main branch)

**create a new repository on the command line**

echo "# Learnings" >> README.md

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/Devarshi-tech/Learnings.git

git push -u origin main

### push an existing repository from the command line

git remote add origin https://github.com/Devarshi-tech/Learnings.git

git branch -M main

git push origin master 🡪 push code into github repository

git remote -v 🡪 origin for this repository (push and fetch)

**Fork**

If we want to work on any existing project from another account, fork is used to make copy of that repo in our project so that we can work on that project

We cannot make changes to anyone’s account directly we need to fork it first

**Clone**

Copy clone URL and clone in our local system

“git clone <https://github.com/kunal-kushwaha/commclassroomOP.git>”

**Upstream**

Upstream is the URL from where we have forked project

**Angular Project deployment on github**

If you're using [angular-cli-ghpages](https://github.com/angular-schule/angular-cli-ghpages) just change your deploy script to look like this:

"scripts": {

"deploy": "ng deploy --base-href=https://your-username.github.io/the-repositoryname/",

}

Your dist/index.html should have the following:

<base href="https://your-username.github.io/the-repositoryname/">

ng build --prod --output-dir docs --base-href "https://example.com"

**go to github repository -> settings -> pages -> set branch -> set /docs ->save**