**GIT**

**Commands which I know:**

1. **git config --list**

**This command shows the GIT account configurations like email, username for the GIT user.**

**git config --global user.name "Swati"**

**git config --global user.email "swtkharbanda11@gmail.com"**

1. **git --init**

**To create or initialize a new repository for your project.**

**NOTE: Before creating a new repository, you need to login into your Github account. You can also create a repository through UI in Github. In that case, you will clone that repository to your local.**

1. **git status**

**To check the status i.e on which branch you are and also shows related info about the current branch.**

1. **git add filename**

**To add a file to staging area**

**You can also add multiple files like git add file1 file2**

**We can also git add -A for adding all untracked files to staging area.**

1. **What is Staging area?**

**Staging area is where we organize our files which we want to commit to our repository.**

1. **Remove files from staging area:**

**git reset filename**

**To delete all, use git reset. All files will be removed from staging area and will be untracked files in Working directory.**

1. **Commit file locally, whichever files were added in staging area**

**git commit -m “Initial commit”**

1. **Cloning a remote repository:**

**git clone <URL> <where to clone>**

**. means clone to current directory**

1. **Pulling code from remote repository:**

**git pull origin <your branch name>**

**10. Pushing your changes to remote repository:**

**git push origin <your branch name>**

**11. Create new branch:**

**git checkout -b <branch name>**

**This command will automatically create a new branch and then 'check you out' on it, meaning git will move you to that branch, off of the master branch.**

**12. Switch to master branch:**

**git checkout master**

**13. git push origin <name of branch>**

**Push your branch to Github**

**14.**