

Assignment 3

(Git And GitHub Assignment -2)

1. How to check if Git is available in your system?

Ans: To check whether Git is available in your system use command "**git --version**" in your terminal, if git is installed in your system then it will show you the version of git else it will show you some error.

2. How to initialize a new Git repository?

Ans: To create a new repo, you'll use the git init command. git init is a one-time command you use during the initial setup of a new repo. Executing this command will create a new .git subdirectory in your current working directory.

3. How to tell Git about your Name and E-mail?

Ans: For name use command "**git config --global user.name**" in the terminal and for E-mail use command "**git config --global user.email**" in your terminal.

4. How to add a file to staging area?

Ans: To add a file to staging area from working space use command "**git add .**" with this command you can add all the file to the staging area and if you want to add only the selected files then use the command "**git add filename**" in your terminal.

5. How to remove a file from the staging area?

Ans: To remove a file from the staging area use command "**git rm --staged filename**" in your terminal.

6. How to make a commit?

Ans: with the help of commit you can add your file to local repository by using command "**git commit -m "message"**" in your terminal.

7. How to send your changes to the remote repository?

Ans: To send the changes to your remote repository :-

Step - 1: change the master branch to main by using command "**git branch -M main**"

Step - 2: then add the remote repository by using "**git remote add origin (link of the repository)**"

Step - 3: then to add the file to the remote repository use command "**git push -u origin main**" after following this steps refresh your remote repository and you can see that the file is uploaded.

8. What is the different between Clone and Pull?

Ans: Git Clone is used to get the local copy of an existing repository in your local system.

Git pull is used to get the updated repository copy which the developers have updated recently.