Assignment 1

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AIM: To learn Git and gitnub and Implement git command on respective OS

Git:

- -Git is an **Open Source Distributed Version Control System**.
- -This basically means that Git is a content tracker. So Git can be used to store content it is mostly used to store code due to the other features it provides.
- -Git has a remote repository which is stored in a server and a local repository which is stored in the computer of each developer.

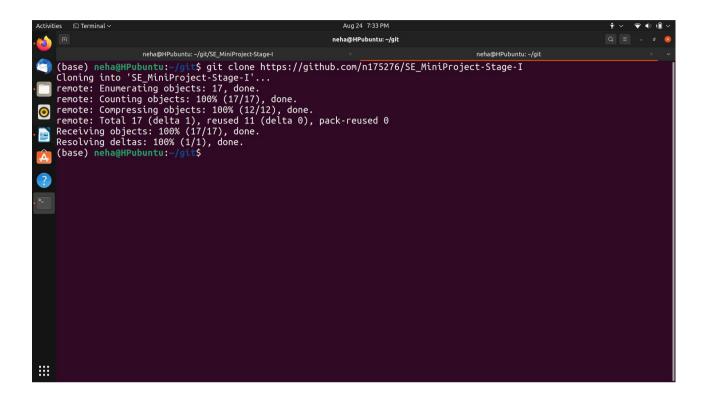
Some Useful Git Coomand

1. **git config** - to set your user name and email address with git.

```
git config --global user.name "username"
git config --global user.email xyz@xyz.com
```

2. **git clone** - clone the git repository for your project to start with and only then you can commit your changes.

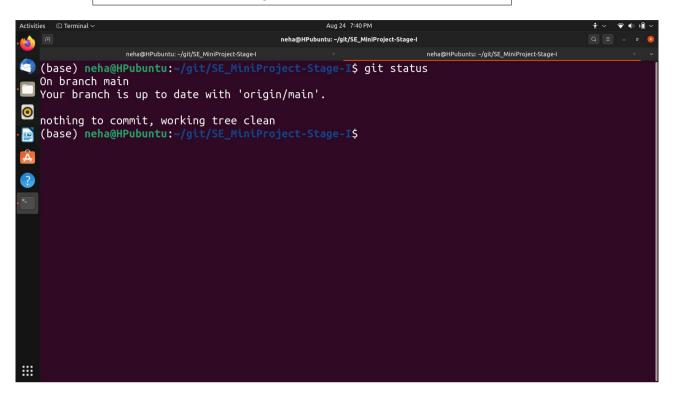
git clone https://gitlab.com/xyz/abc.git



3.git init- Initialize a new Git repository

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git status



5.**git add-**Add a new file to Git repository

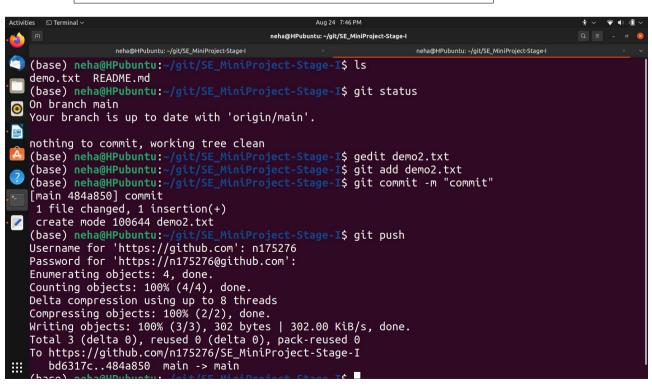
git add demo.txt

6.git commit-Now, we need to commit this to your git repo by using

git commit -m 'first commit'

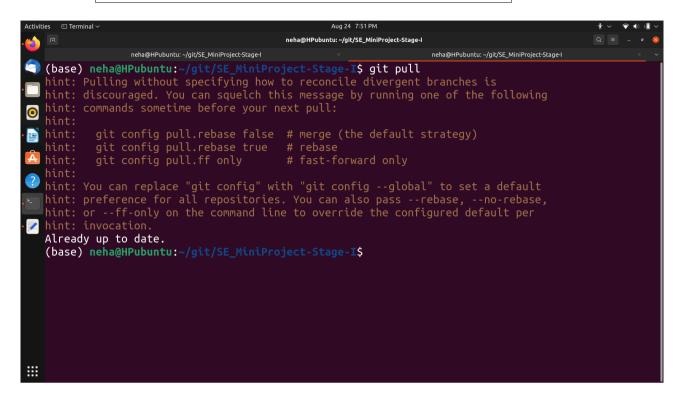
7.**git push-**Now, push the changes to the repository.

git push



8.git pull-It will fetches files from the remote repository and merges it with your local one.

git pull

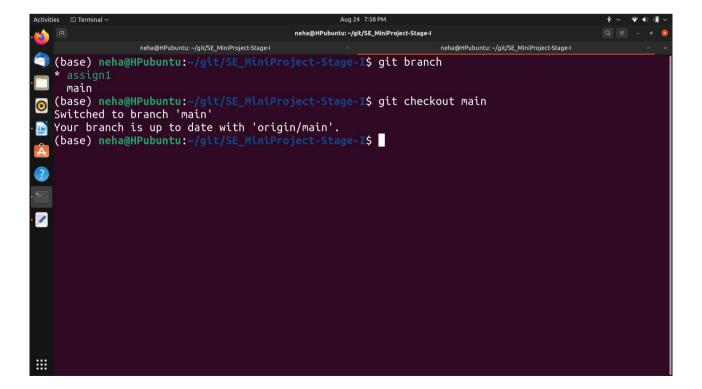


9.git branch-To know your git branch

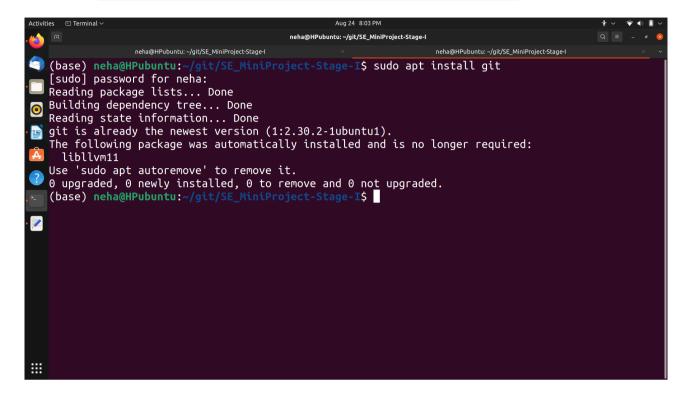
git branch

11.git checkout-ets you navigate between the branches created by git branch

git checkout brachname



sudo apt-get install git



12.merge-ets you navigate between the branches created by git branch

git merge branchname

