**GitHub Document**

**Step 1:** Download github on your system

**Step 2:** got to folder /file which you hav to upload on github

**Step3**: write command git init : This **command** creates an empty **Git** repository - basically a .**git** directory with subdirectories for objects , refs/heads , refs/tags , and template files.

**Step 4 :** **write command git add –A** to all the file:to add files into staging area(\_i.e ready to commit)

**Step 5:** **git commit –m “ first commit”** to commit the files

**:** **git commit –a –m “ first commit” :combination of add and commit**

**Step 6:** **git status** to check any file remaining or not i.e it will showany modification is done after commit

Git status –s : same but in shorter format

**Step 7**: **git checkout file\_name** : it will match the file with last commit

Example: suppose you write code and commited on git ,you check status using git status it will show all match

And suppose after that someone changes that code without your knowledge and save the file

So when you check status next morning it will show some files are modified

So to get lastly commited files you use “**git checkout -f**” **or “git checkout file\_name”**

**Step:8 git diff --staged :** it will tell the changes in the file from last commit

Step9 :**git rm file\_name :** to delete file after commiting.

Step10: **git log –p -2** : to show previous 2 commits

**git log –p -1:** : to show previous 1 commits

**Step 11:**

**Git merge feature1 :**

**To** merge feature1 branch with master

**Step 11**: command to create and switchted to new branch:

Git checkout –b branch\_name

Step 12: Cloning of public githu repository into local repository:

Create one folder in your sysyem

Copy the download link of the repo which you have to clone

Git clone link

GitHub Tutorial:

Steps to push local code to github repository

1. Create repository in your github account ,thrn copy the ink of that repo
2. Open gitbash terminal in folder where your code is save and write:
3. Git int
4. Git add –a –m “ first commit”
5. git remote add origin repo\_link
6. Now to push data from local repo to git repository:
7. Git push origin master

Steps to make contribution to public/private github repository :

1. Goto that repository in which you to make the changes:
2. Click on fork ,it will create copy of that code in your github account repo:
3. Example pritesh give any github repo link and you have to make changes in that ,click on fork option select your account
4. This will createcopy of repo of pritesg sir in your github account
5. Now clone this forked repo into your local repo
6. In order to make changes you have to clone that p roject into your local folder

Command for that is: Git clone link

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