

Git Basic

Version

```
1 git version
```

Command

```
1 pwd          #present working directory
2 cd ..        # go to back directory
3 cd foldername # go to enter existing folder in
pwd
4 dir          # show list in pwd or use ls if it
does not work
5 git cls      # clear above history due to large code
```

Git initial command

```
1 git init #initialise git repository in pwd
2 git status # use to check change file or create
d file and commit then add etc status
3 git add <file> # add one or more file to staging
(index)
4 git rm --cached <file> #to unstage file
5 git commit -m "mesaage" # commit your changes as
a message in double quoets
```

```
6  git commit -am "message" # add and commit together
7  git log # use to see all commits history
8  git branch <branch name> # create a new branch
9  git checkout <branch name> #Switched to branch <branch name>
10 ##### if we change now in any file then we can't see them in our master branch these are available in only <branch name>
11 git checkout master # for merge we checkout on master where we add new branch
12 git merge <branch name>
```

Git Hub

Git Repository

```
1  # make a git repository public or private
2  # add Readme file (not necessary) which is used to show the summary of your repo
```

Git account details

```
1  git config --user.name "nandeshboyz" #set username
2  git config --user.email "nandeshboyz____@gmail.com" #set user email
```

```
3 git config user.name #CHECK USERNAME
4 git config user.email #CHECK USEREMAIL
5 #for security reason if you have create something so that many times you got an error of type that permission denied or something else then to know your username or password or remove this security you have to follow the below step it is an error which is mostly shown if you have two github account or different email
6 go to control panel >User account > Credential Manager > Windows Credentials > Generic credentials > git:https://github.com
7 # now you can edit or remove this security
```

Git Repo by Git bash or terminal

```
1 git remote add origin -v http://github.com/username/gitreponame.git # take base of repo in your terminal
2 git remote -v # show the command like fetch or push
3 git push -u origin <branch name> #now this shows may be two branch in your repo if they are different then you have to send request to merge in your main or base branch
4 # Note : when you change your branch in terminal then you can see only the content of your current branch in your pc also where you open your terminal
```

```
5  git pull origin main #bring the main branch of y
   our repo in your terminal as locally
6  git checkout main # now you are in main branch a
   nd you can see its file in pwd
7  # now you can made change in its file or code
8  # can add or remove any file
9  # then after committing you have to push this on
   repo
10 git push -u origin main # to push if it does not
   work then remove -u
11 git push origin main
```