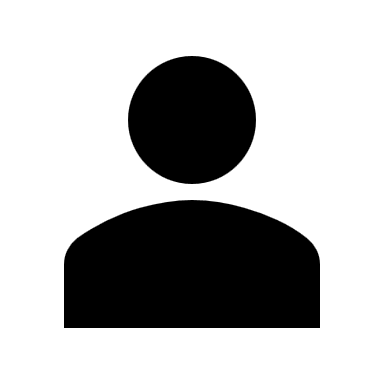
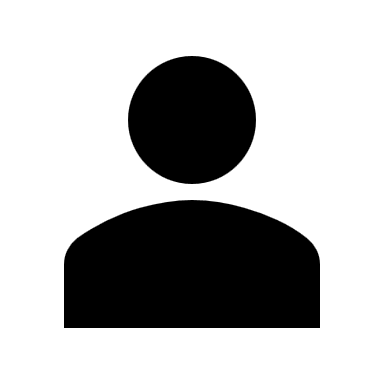
**GIT**



Commit

add

Working Directory

Staging Area

Local Repository

**Remote Repository**

push

**clone**

Local Repo.

Staging Area

**Pull**

*Github.com*

Commands: -

1. git --version : Check git version
2. git init: Creates a new local repository
3. git status: It says the state of working directory and the staging area.

Example:

* Create a file say index.html in your working directory.
* Then run the command git status
* This command will say index.html as untracked file, which means git is not aware of this file.

1. git add index.html : This command add the index.html file in local repository.
2. git commit -m “--- comment ---” : commit command create a version of file in local repository.
3. git status
4. git ls-files : Display all tracked files which are in staging area.
5. git reset HEAD <file-name> : After “git add -A”, if we want to remove the file from staging area then use the command git reset HEAD <file-name>
6. git commit -am “--- comment ---” : Add and commit through single command.
7. Delete files:
   1. git rm index.html : Delete file from working directory as well as staging area.
   2. git rm –cached index.html : Delete file from staging area only not from working directory

*NOTE: After delete we need to run commit command. i.e. git commit -m “deleted done”*

1. .gitignore: .gitignore file tells GIT which file or folder need to ignore.

* Create a file .gitignore in the root of working directory.
* Write file names or folder name which we want GIT should ignore.
* Ex:
  + /node\_modules
  + /src/config/database.js
  + \*.sh
* git add .gitignore
* git commit -m “message”

1. Move files from Local Repo to remote Repo

* Create account in github.com
* In github.com, create a online repository.
* git remote -v : Check if any remote repository is added in your local repository so that we can push files in remote repository
* git remote add origin <URL> : Add remote repository in local environment.

*“In the above command, Origin is alias for the URL, we can also use any other name”*

1. Now Push files from local repository to remote repository

* git push -u origin master

*Here master is the branch name.*

The above command will ask user name and password when we will execute it first time.

1. Now refresh github.com, we can see the files in remote repository.

**Now in another machine get all files.**