**Pulling Mechanism:**

Login into Linux machine.

Create a directory, go inside it & run ‘git init’ command to create local repo

Git remote add origin (to connect GitHub with local repo)

git pull –u origin master/git pull origin master –allow

git log (to show all commit) add some code to codefile

git status

git add . then git status

git commit –m “codefile modified” /then git status

git push origin master

**GitHub Clone: -**

Open github website.

➢ Login & choose existing repository, copy github url.

➢ Now, go to your linux machine, & run command

git clone (as you can see gitlearning repo folder)

➢ It creates a local repo automatically in linux machine with the same name as in github account. As you can see above.

**Docker compose:**

* This is the docker tool which is used for executing multiple services from one point of control.
* By using docker compose we can create network of docker containers and link them with each other.

**1.Example:**

Create a docker compose file for starting MySQL and WordPress container.

Ex: script

Vim docker -compose.yml

Version: ‘3’

Services:

My sql:

Image: my sql

Environment:

MY SQL\_ROOT\_PASSWORD: India@123

WordPress:

Image: WordPress

Ports:

-6869:80

(save&quit escape: wq)

**2.Example:**

Create a docker compose file for starting 2 containers

Jenkins & Tomcat

Vim docker -compose.yml

Version: ‘3’

Services:

Jenkins server:

Image: Jenkins

Ports:

-8888:8080

tomcat server:

image: tomcat

ports:

-6767:8080

Links:

-Jenkins server

To execute the docker composed file

>docker-compose up -d