**Docker practical session**

* **How to pull image from the official account.**
* **First, we create repository in docker hub.**
* Open docker hub account
* create one repository with name dev
* Click on Create
* repository created.
* **Steps**: **connecting instance with gitbash and execute some comands before pulling started.**
* create one ec2 instance
* connect with gitbash by using .pem key.
* Execute sudo su command
* cd *var/*lib/docker. (To move the docker directory.)
* Ls
* docker images (it shows all docker images)
* docker ps (it shows all the containers)
* **steps: pull docker images from official website:**
* docker pull nginx (nginx image downloaded)
* docker images (it shows all information about the image, repository,tag,image id and size).
* docker inspect <imageid> (it shows commands about image)
* docker run -itd –name <container name> -p 40:80 <image id> (create container>
* docker ps (it shows container information containerid,imageid, containername,port number)
* docker login (give docker hub username and password)
* docker tag nginx:latest <docker hub username/repositoryname:jen (it creates the tag)
* docker push dockerhubusername/repositoryname:jen.