**DAY – 10**

---- $cat hello.txt

Dfdfgh

Gfhfghj

Dfgddhf

\*\*to reverse the order of text in a file

---- $ tac hello.txt

Sgdhhg

Sdgrsfdg

Hfgh

--- $tac hello.txt | rev

---- $sudo apt install qrencode

Make image that refer to desired page or url

--- $qrencode –s 16\*16 -o adhoc.png <https://www.adhocnw.org>

**Q. scan the qr code without any application or scanner and find out the data of qrcode**

\*\*repl.it

\*\*shellinbox for centos 7

Copy the link of binary pacakage

Go to putty

Rpm –ivh (copy the address)

$systemctl start shellinaboxd

$setenforce 0

$vim /etc/selinux/config

disable

Create port 4200

$passwd ec2-user

Copy the public ip and ---

<https://ip:4200>

click on advance and proceed

**DOCKER**

---provide plateform according to user

Step1 : install docker (check by --$rpm –q docker)

Step2: enable it

$systemctl enable docker

$systemctl start docker

$docker version

\*\*docker use docker image

\*\*https://hub.docker.com

Step3 : search image

-$docker search pyhton3

-$docker search hadoop

Setp4 : pull the image required

$docker pull (image name)

$docker pull fedora

$docker pull hello-world

$docker pull python

Step4 : check the available images

$docker images

\*\***we can create container using any image as - runnimg OS ..completely known as DOCKER & CONTAINER**

**Where**

**Amazon make OS using AMI and launch it**

\*\*FEDORA – a project of redhat which is under reaserach for 3 years and it is backend project and developer use it.

Main product is redhat and developing is fedora

Step5 : create container

$docker run -it(iteractive,terminal) (image name)

$docker run -it fedora date

It bring an o some size ,ip and command run successfully

Step6 : exit the docker

$docker ps -a

--$ docker run fedora bash

--$bash open

--$exit

$root@ec2user

$docker ps -a --- show all containers

$docker ps --- show running containers

Step7 : attach running container

$docker attach (container name)

\*\*”docker run” always create a new container and not reflect any operation in another container created using same docker image

\*\*give your name to the conytainer—

$docker run –it --name om fedora bash

Always create **BASH**  so we can see the container

$docker exec -it c1 bash—used to enter in running container

{

Pull

Start

Ps

Search

Run

Exec

Start

Stop

}

Docker run automatically pull the image required

$list of all id $docker ps -qa

Remove all container $docker rm -f $(docker ps -qa)

C1 C2 C3 C4 C5

Ec2

Ec2

REL

AWS

$docker rmi centos : latest

To check the ip of a container

--- $docker inspect (container name)

$docker inspect Omendra | grep –I ipadd