**DAY -11**

CREATE DOCKR IMAGES

Step1 : vi index.html

<h1> dfghjkl</h1>

Step2 : vim dockerfile

Step3 : remove systemctl in container as in linux parent process is system and other are child process

--$pstree

--$kill –s stop `pidof firefox`

--$

Step4 : docker run –it fedora(!)

Step4 : save the dockerfile

Step5 : $docker build -t “tag name” /docker(place of

d irectory)

or in case if not run ..

step5 : $docker build -t “name” .

\*\* ENTRYPOINT – CANT BE REPLACED

\*\*CMD – CAN BE REPLACED

Step6 : $ docker run -itd –name cc fedora bash

(isse container background m chala jata hai and can access by $docker attach or $docker exec-)

Step7 : assign port

$docker run -itd --name web2 -p 1234:80

webpage(image name)

\*\*we can also create many containers by python (launch.py)

***INDUSTRY 4.0***

* Devops
* BlockChain
* AI/ Data Science

**DeVOps (Dev + Ops)**

Dev – Developer , ops -operation

**Demands –**

1. Automation
2. CI/CD
3. Container
4. Micro Services

**AUTOMATION –**

--IAC

--C Fengine

--RUBY ->2005 ->puppet

--RUBY -> 2007 ->chef

--RUBY -> 2010 ->salt

--RUBY -> 2012 -> Ansible

\*\*\*JUJU ,TERAFORM

Teraform – automate aws ,azure,google cloud

Ansible - Linux