**Day 14**

**NFS:**

$yum install bash-completion

$bash

$yum install

$systemctl status nfs-server

$systemctl start nfs-server

$systemctl enable nfs-server.service

$mkdir /nfs

$rpm –q/-qc nfs-server

$vi /etc/nfs/exports

**To export the file to all ip`s**

**->**$vi /etc/nfs/exports

**/nfs \*(ro)**

**Save it and run the command**

**$**exportfs -r

$showmount -e (public ip of client if using server and vice versa)

**\*mount the directory**

$Mount ip :/nfs/ /mnt/nfs

$lsblk

$Df -hT

$Cd /mnt/nfs

$Ls

$Mkdir lk

$Fdisk -l

$df –h

/nfs \*(rw,no\_root\_squash)

$iptables –F

$setenforce 0

$-

**PYTHON – MODULES**

Module for source code of any wb page- **request(python3)**

Module for source code of any web page – **urllib(python2)**

**$vi getcode.py**

#!/usr/bin/python3

import requests #baheve like a browser

#now connecting to a website

webdata=requests.get("https://www.google.com")

print(webdata)

#now looking for html data

#print(webdata.text) #to get front end source code

htmldata=webdata.text

f=open('hello.txt','w')

f.write(htmldata)

\*\* 8.8.8.8 – open DNS anyone can use it

Response code of http are :

404 , 505 , 202 , 200 , 300

\*\*view-source:https://www.google.com

**\*\*pip3 install pyttsx3**

**Yum install espeak**

>>> import pyttsx3

>>> sound\_driver=pyttsx3.init()

>>>

>>> sound\_driver=pyttsx3.init()

>>> sound\_driver.say("hello")

>>> sound\_driver.runAndWait()

**DATABASE :**

$yum install mariadb-server

$systemctl start mariadb

$systemctl enable mariadb

::port number used for entering queries is 3306

MariaDB [(none)]> select “jiughsdiuf”;

MariaDB [(none)]> select 45+78

MariaDB [(none)]> select paSsword("HELLO WORLD");

MariaDB [(none)]> show databases;

$ cd /var/lib/mysql/

$ls

$mkdir om (check in mysql)

**\*\*to secure the database**

[root@ip-172-31-9-155 mysql]# mysql\_secure\_installation

{y,y,y,y}

After that again login using -\

[root@ip-172-31-9-155 ~]# mysql -u root –p

**To recover password:**

**1. stop the service - (systemctl stop mariadb)**

2. mysql\_safe --skip-grant-tables &