**DAY-7**

**->**Fdisk -l /dev/xvdf

->Fdisk /dev/xvdf

->Command for check partition - print

->Smallest unit of hdd is SECTOR

I sector = 512bytes

->for new partition -n

-p for primary

-e for extended

**Q- why there is only 3.7gb storage in 4gb pendrive**

Step 1 : create partition

Step 2 : format that partition

Step 3 : mount

**step 1 : creating partition**

**$fdisk /dev/xvdf**

**---p for print the partition**

**---n for new partition**

->enter

->enter

->enter

->+300M

--->after complete partition to save

---wq

**Q- partition by python**

->never ever delete extended partition

**STEP 2 – formatting hdd partition--NTFS , HFS+ , XFS**

->Formatting pendrive – FAT , vfat , FAT32

-> $mkfs..xfs /dev/xvdf1

->$mkfs. Tab tab

**STEP 3 : MOUNTING**

->Create a folder and map /link partition

->show icon if os is GUI based

->[root]- mkdir /mnt/my

->-root]- mount /dev/xvdf1 /mnt/my

Check by ->echo $?

If want a icon use media rather than **mnt**

**\*\*media show the icon of that in Deskotp**

Link will removed from mnt when os is reboot to make it permanent we use

->vi /etc/fstab

----/dev/xvdf1 mnt/my xfs

->mount -a

->reboot

Login again to amazon redhtat

->df –hT

Check the partition present or not

**SERVER**

Server – service provider

Client - service receiver - / request

Many client – internet/network ----- (server)

Web page <----- serve -------web server

**Web server:**

Apache (free open source)

Apache httpd

Apache apache2 (only Ubuntu type OS)

->WAMP , XAMP , LAMP

->NGNIX --

->IIS (Internet Information Service)

->apache TOMCAT - JAVA oriented services

**TO DEPLOY ANY SERVER IN LINUX**

**Step 1** : install software related to that server

$rpm –q httpd (chck whether installed or not)

[root] yum install httpd

**Step 2** : configure that server -- (do required changes)

$rpm –qc httpd

**Step 3 :** start service

-$systemctl start httpd

-$systemctl status httpd

Important : /var/www/html --- document root for apache

$ cd /var/www/html

$echo “<h1>dfghjkl</h1>

Copy ip addess from amazon and change http inbound

And type in address with html file name

Import time

From googlesearch import search

Web=input(“DFGHJK”);

Search(web)

Or

For I in search(web,stop=10) :

Print(i) #this I only print links

Time.sleep(3)

url.append(i)

print(url)

**FILE HANDLING**

->file handling/directory handling

->permission change no

->read –yes

->append –yes

->write –yes

->create –no

->delete -no

For I in dir(itme) :

If ‘time’ in I :

Print(i)

X=[]

For I in dir(time) :

If ‘time’ in I :

x.append(i)

y=[I for I in dir(time) if ‘time’ in i]