**File Management**

1. /bin -Contains binary files executable files Syn :- cd /bin
2. /etc - configurations will be available Syn :- cd /etc
3. /home
4. /temp - data available temperorly syn :- cd /temp
5. /opt - To install 3rd party application syn :- cd /opt
6. /usr - location of user program and files syn :- cd /usr
7. /var – Sub directory of root

File Permission

1. Touch linux Syn : touch <file name>
2. Chmod 777 linux Syn : chmod 777 <file name>
3. Chmod u=rwz ,g+w,o+r linux Syn : chmod u=rwz ,g+w,o+r <file name>
4. Ls -l to check the permission

Networking Commands

1. Ping facebook.com Syn : ping <site name>
2. Ifconfig
3. Route Kernal Ip routing table
4. Netstat for give the statics
5. Last information of recently logged
6. Dig facebook.com Syn :dig <site name>

Input/output direction

1. Cat < linux Syn : cat < <file name>
2. Echo “hello world” > file name
3. Zcho hello world 2>errorfile Syn : zcho hello world 2 > <file name >

Disk Utility

1. Fdisk -l
2. Df
3. Df – hT
4. Yum install httpd for linux
5. Apt install for ubuntu

Filter Commands

1. Head -v xyz syn :head -v<file name>
2. Tail -v xyz syn :tail -v<file name>
3. Cat xyz | head syn : cat <filename> | head
4. Sort xyz syn :sort <filename>
5. Grep <word><file name>
6. ‘s/xyz/abc/g’ xyz syn: ‘s/old content/new file/g’
7. Awk ‘/option/{print}’ xyz syn : awk ‘/option/{print}’ <file name>

File compression

1. File1,file2,file3—file.tar
2. Zip skillary.zip abcdef syn: zip<file name>files