[root@aniketvm1 ~]# groupadd hr

[root@aniketvm1 ~]# usermod -aG hr aditya

usermod: user 'aditya' does not exist

[root@aniketvm1 ~]# useradd aditya

[root@aniketvm1 ~]# useradd sahil

[root@aniketvm1 ~]# useradd aniket

[root@aniketvm1 ~]# usermod -aG hr aditya

[root@aniketvm1 ~]# usermod -aG hr sahil

[root@aniketvm1 ~]# usermod -aG hr aniket

[root@aniketvm1 ~]# id aditya

uid=1002(aditya) gid=1003(aditya) groups=1003(aditya),1002(hr)

[root@aniketvm1 ~]# id sahil

uid=1003(sahil) gid=1004(sahil) groups=1004(sahil),1002(hr)

[root@aniketvm1 ~]# id aniket

uid=1004(aniket) gid=1005(aniket) groups=1005(aniket),1002(hr)

[root@aniketvm1 ~]# users

admin admin

[root@aniketvm1 ~]# mkdir /hr/files

mkdir: cannot create directory ‘/hr/files’: No such file or directory

[root@aniketvm1 ~]# mkdir /hr

[root@aniketvm1 ~]# mkdir /hr/files

[root@aniketvm1 ~]# chgrp hr /hr/files

[root@aniketvm1 ~]# chmod 1770 /hr/files

[root@aniketvm1 ~]# ls -ld /hr/files

drwxrwx--T. 2 root hr 6 Jan 22 00:40 /hr/files

[root@aniketvm1 ~]# setfacl -m u:aniket:rw /hr

[root@aniketvm1 ~]# ls -ld

dr-xr-x---. 14 root root 4096 Jan 22 00:14 .

[root@aniketvm1 ~]# ls -ld /hr

drwxrwxr-x+ 3 root root 19 Jan 22 00:40 /hr

[root@aniketvm1 ~]# getfacl /hr

getfacl: Removing leading '/' from absolute path names

# file: hr

# owner: root

# group: root

user::rwx

user:aniket:rw-

group::r-x

mask::rwx

other::r-x

[root@aniketvm1 ~]# getfacl /hr/files

getfacl: Removing leading '/' from absolute path names

# file: hr/files

# owner: root

# group: hr

# flags: --t

user::rwx

group::rwx

other::---

[root@aniketvm1 ~]# setfacl -m u:aditya:rwx /hr

[root@aniketvm1 ~]# setfacl -m u:sahil:rwx /hr

[root@aniketvm1 ~]# getfacl /hr/files

getfacl: Removing leading '/' from absolute path names

# file: hr/files

# owner: root

# group: hr

# flags: --t

user::rwx

group::rwx

other::---

[root@aniketvm1 ~]# getfacl /hr

getfacl: Removing leading '/' from absolute path names

# file: hr

# owner: root

# group: root

user::rwx

user:aditya:rwx

user:sahil:rwx

user:aniket:rw-

group::r-x

mask::rwx

other::r-x

[root@aniketvm1 ~]# groupadd accounts

[root@aniketvm1 ~]# useradd lalit

[root@aniketvm1 ~]# useradd shubham

[root@aniketvm1 ~]# usermod -aG accounts lalit

[root@aniketvm1 ~]# usermod -aG accounts shubham

[root@aniketvm1 ~]# setfacl -m u:lalit:r /accounts

setfacl: /accounts: No such file or directory

[root@aniketvm1 ~]# mkdir /accounts

[root@aniketvm1 ~]# setfacl -m u:lalit:r /accounts

[root@aniketvm1 ~]# setfacl -m u:shubham:r /accounts

[root@aniketvm1 ~]# getfacl /accounts

getfacl: Removing leading '/' from absolute path names

# file: accounts

# owner: root

# group: root

user::rwx

user:lalit:r--

user:shubham:r--

group::r-x

mask::r-x

other::r-x

[root@aniketvm1 ~]# groupadd sales

[root@aniketvm1 ~]# mkdir /sales

[root@aniketvm1 ~]# setfacl -d -m g:sales:r /sales

[root@aniketvm1 ~]# getfacl /sales

getfacl: Removing leading '/' from absolute path names

# file: sales

# owner: root

# group: root

user::rwx

group::r-x

other::r-x

default:user::rwx

default:group::r-x

default:group:sales:r--

default:mask::r-x

default:other::r-x