**Useradd command**

useradd is a command in Linux that is used to add user accounts to your system. It is just a symbolic link to adduser command in Linux and the difference between both of them is that useradd is a native binary compiled with system whereas adduser is a Perl script which uses useradd binary in the background. It make changes to the following files:

/etc/passwd

/etc/shadow

/etc/group

/etc/gshadow

creates a directory for new user in /home

Syntax:

useradd [options] name\_of\_the\_user

To add a simple user

sudo useradd test\_user

To give a home directory path for new user

sudo useradd -d /home/test\_user test\_user

To create a user with specific user id

sudo useradd -u 1234 test\_user

To create a user with specific group id

sudo useradd -g 1000 test\_user

To create a user without home directory

sudo useradd -M test\_user

To create a user with expiry date

sudo useradd -e 2020-05-30 test\_user

To create a user with a comment

sudo useradd -c "This is a test user" test\_user

To create a user with changed login shell

sudo useradd -s /bin/sh test\_user

To set an unencrypted password for the user

sudo useradd -p test\_password test\_user

**Adduser command in linux**

sudo apt-get install adduser

adduser username

To add a user with a different shell.

sudo adduser username --shell /bin/sh

To add a user with different home directory.

adduser username --home /home/manav/

To get the version of the adduser command.

adduser –version

**UserMod command in linux**

**The information of a user is stored in the following files:**

/etc/passwd

/etc/group

/etc/shadow

/etc/login.defs

/etc/gshadow

/etc/login.defs

Note: usermod command needs to be executed only as a root user.

To add a comment for a user

sudo usermod -c "This is test user" test\_user

**sudo cat /etc/passwd | grep test\_user**

To change the home directory of a user

**sudo usermod -d /home/manav test\_user**

To change the expiry date of a user

**sudo usermod -e 2020-05-29 test\_user**

To change the group of a user

**sudo usermod -g manav test\_user**

To change user login name

**sudo usermod -l test\_account test\_user**

To lock a user

**sudo usermod -L test\_user**

To unlock a user

**sudo usermod -U test\_user**

To set an unencrypted password for the user

**sudo usermod -p test\_password latha**

To create a shell for the user

**sudo usermod -s /bin/sh test\_user**

To change the user id of a user

**sudo usermod -u 1234 test\_user**