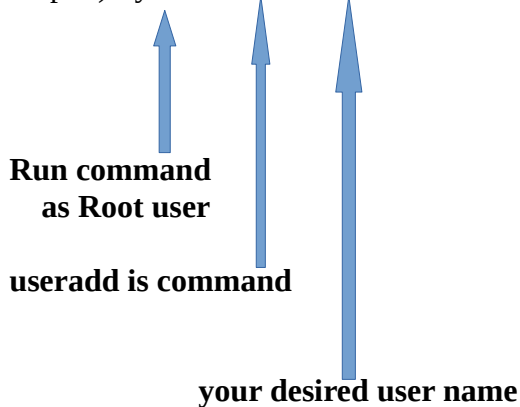# useradd and adduser Linux Command Difference

useradd command -

What my undersatnding is useradd command is low level portable linux command, which creates the user by using the following command : -

Step 1.) Syntax – sudo useradd umesh

**Run command
    as Root user**

useradd is command

your desired user name

```
ubuntu@ubuntu:~$ sudo useradd umesh
[sudo] password for ubuntu:
```

If you want to switch to umesh user it would'nt allow you to switch as there is no password is assigned to "**umesh**" user. As you try to switch current user to umesh it will ask you for password and as there is no password assigned for the user as you enter your password it shows authentication failure.

```
ubuntu@ubuntu:~$ su umesh
Password:
su: Authentication failure
```

Step 2.) For setting the password for the "umesh" user we need to use the following command.

Syntax – sudo passwd umesh

```
ubuntu@ubuntu:~$ sudo passwd umesh
New password:
BAD PASSWORD: The password fails the dictionary check - it is based on a diction
ary word
Retype new password:
passwd: password updated successfully
```

I have entered some weak password thats why I am getting the warning , please ignore.

Now you can easily switch to umesh user as you already have set the password for the user.

Explantion of the Screen Grab

Switching user(su) to
umesh

```
ubuntu@ubuntu:~$ su umesh
Password:
$ groups
umesh
$ id
uid=1001(umesh) gid=1004(umesh) groups=1004(umesh)
$ users
ubuntu
$ whoami
umesh
$ sudo whoami
[sudo] password for umesh:
umesh is not in the sudoers file.
```