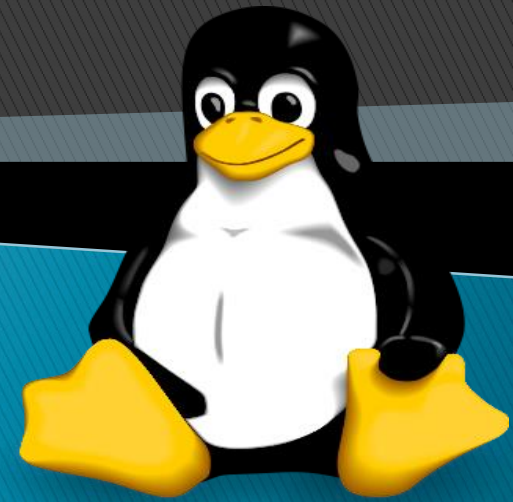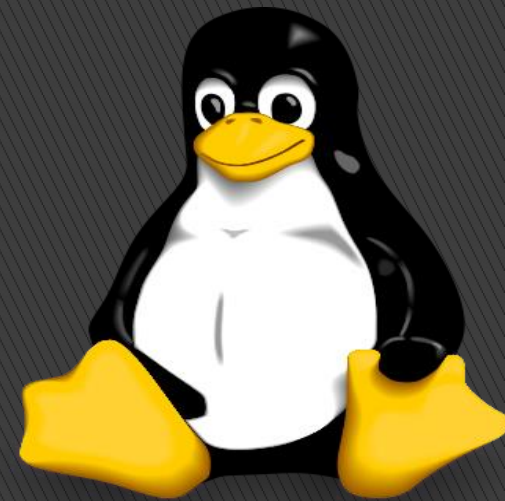# User Account Operations

What is user

- A **user** is another name of an account capable of logging into a computer.
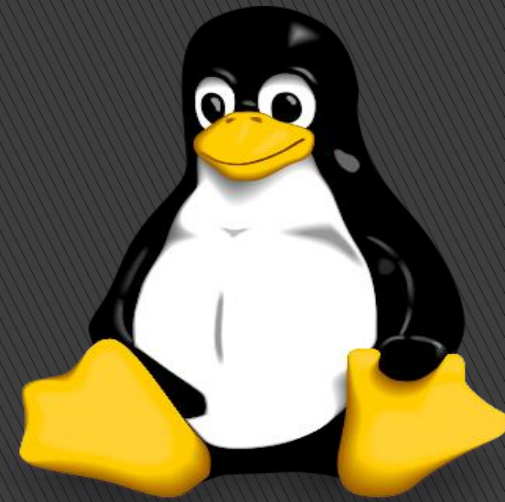- A user is a individual who uses the available hardware and software resources.

Type of User

- 1. System User (Privilege/Administrative)
- 2. Normal User (Non-privilege/Secondary)

1. System User

- It is created by OS automatically.
  - Eg.
- Root or Administrator

2. Normal User

- It is created by privilege/Administrator user
  - Eg
  - Student,Sachin,Ajay

Database File of User Account

- User Properties – 	/etc/passwd
- Password Properties – 	/etc/shadow

For Create User Account

#useradd   ajay

For Check User Account Properties

#grep   ajay   /etc/passwd

ajay:x:1001:1001: :/home/ajay:/bin/bash

For Create User Account Password

#passwd   ajay

For Check User Password Properties

#grep   ajay   /etc/shadow

ajay:@s$!1bc25f%:18002:0:99999:7: : :

For Switch User Account

#su   ajay

For Logout From User Account

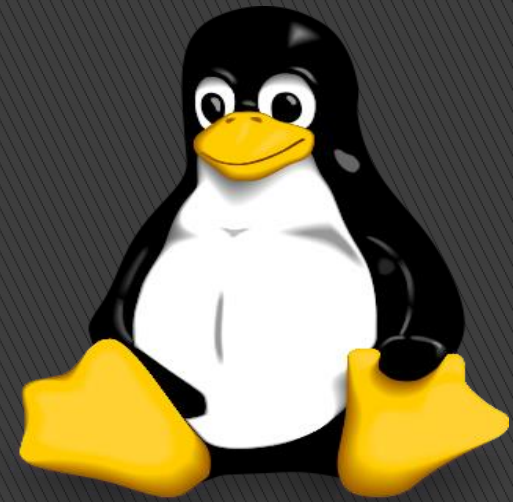#exit

Or

Press "**ctrl+d**" Key

For Delete User Account

#userdel   ajay

Delete User Account With Home Directory

#userdel   -r   ajay

For Modify User Account Properties

We can modify existing user account property with following command
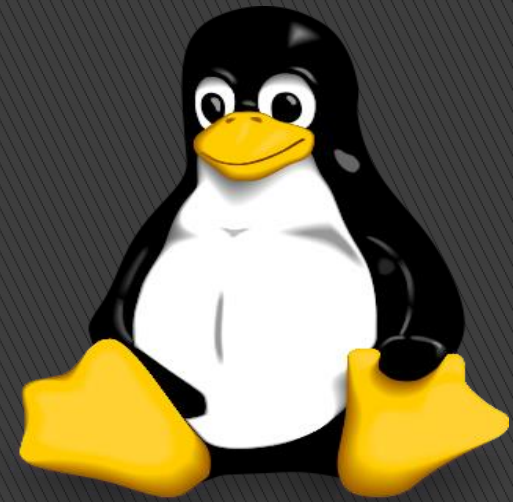
For Change User ID (UID)

#usermod   -u   2010   ajay

For Change Home Directory

```
#mkdir          /mnt/india
#usermod        -d    /mnt/india      ajay
```

For Set Comment

#usermod   -c   "manager"   ajay

For Change User Login Name

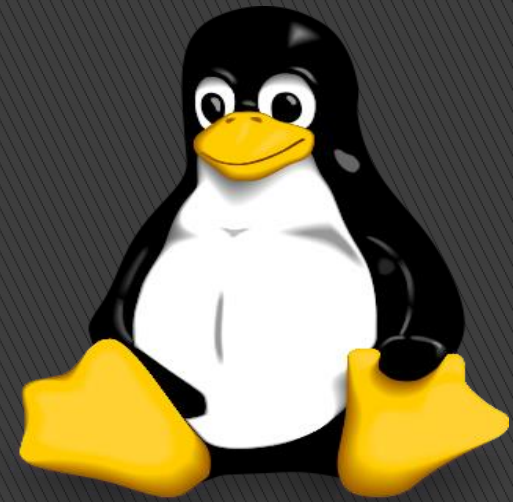#usermod   –l   devgn   ajay

For Change Login Shell

#usermod   -s   /sbin/nologin   ajay

For Lock User Password

#usermod   –L   ajay

For Unlock User Password

#usermod   -U   ajay

For Set Password Expiry Date

#usermod   -e   2020-02-15   ajay