Date = 05-01-2025

Relative Path and Absolute Path

```
                    /
   ┌──────┬─────────┼─────────────┐
rajni sister   root    home         tmp
                  ┌──────┴──────┐
              riya_mam    sakshi_bhabhi
```

```
$ /tmp    cd /home/sweety
```

Absolute Path - Starts from Slash (/)

Relative Path - Jaha ho waha se chalu hoga...

Absolute Path = cd /home/sakshi_bhabhi

Relative Path = cd ../sakshi_bhabhi

System Commands

lscpu = CPU ka information	✔
free -h = Kitna System Memory Free hai (RAM)	✔
df -h = Kitna Disk space used hai (HDD)	✔
cat /etc/os-release = Kaunsa sa OS hai?	✔
hostname -I = Show IP Address	✔
uptime = Kitni der se computer chalu hai?	✔
ps = Kitni process chalu hai pichu me?	✔
top = Windows Task manager jaisa dikhega...	✔
kill = Kisi process ko mar dalo	✔
du -h = Show Disk Usage of a Directory	✔

Pipe | Redirect > Append >>

less, head, tail

User Management = adduser command

How to install softwares in Linux?

nginx software

/var/www/html

starbucks code

WSL

User

localhost

Steps
1. Developer se code lana ✔
2. Killercoda se fokat ka computer lena ✔
3. Ispr nginx install karna
4. Starbucks ka code copy karwana nginx ki location pr

Package Managers

Android =	**Play Store**
Apple =	**App Store**
Ubuntu =	**apt**
Redhat =	**yum**
CentOS	**dnf**
Alpine OS	**apk**

apt (Advanced Package Manager)

→ Play Store

apt

http://ubuntu.com

Ek Copy of Packages ◄ – – –apt update

apt list

apt install nginx

apt Commands

apt update
apt list
apt search nginx
apt install nginx
apt list --installed

Systemctl Commands

status
start
stop
restart
enable
disable

systemctl status <app>

systemctl status nginx