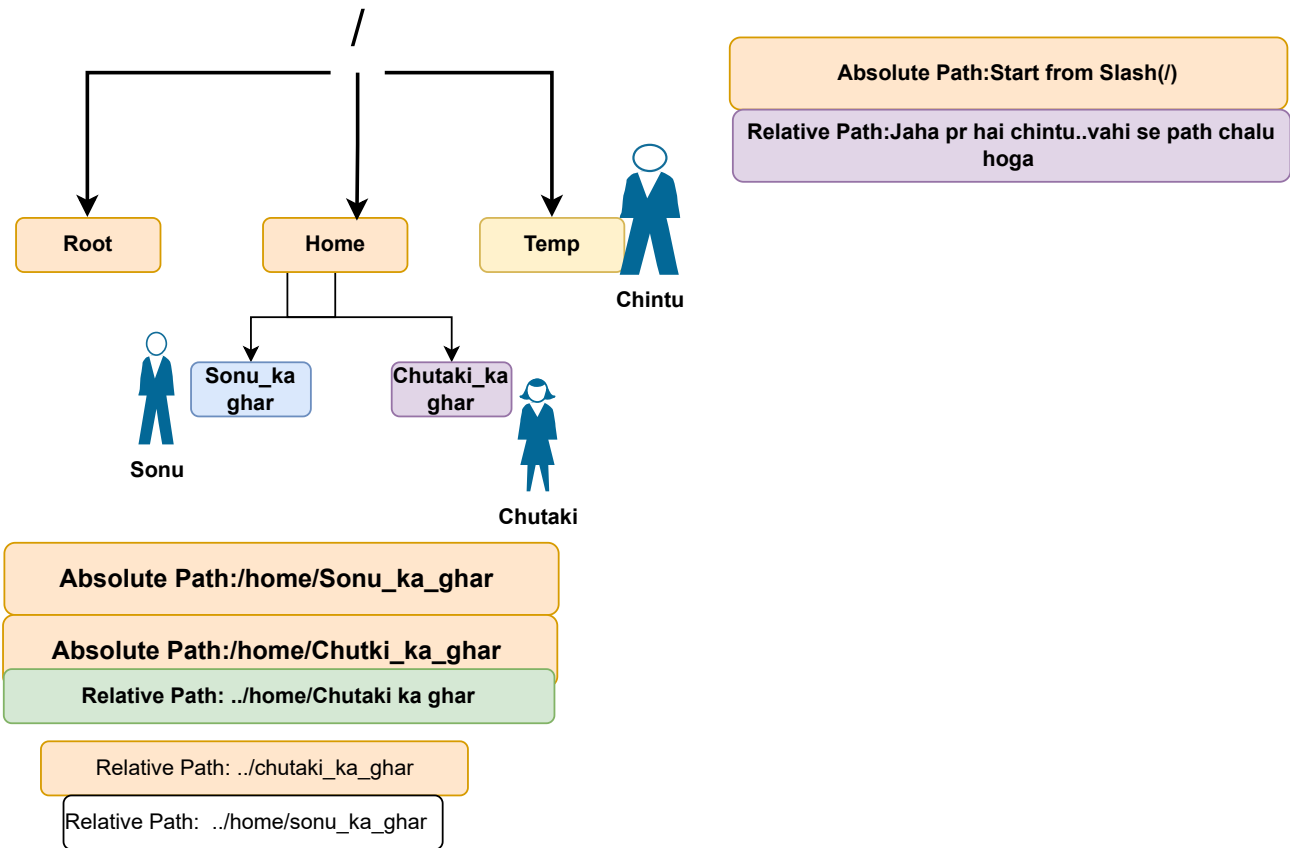**Class 10 Linux**

**Today Class Agenda**
- Absolute & Relative Path
- SystemCommands
- Package Manager with Proccess management
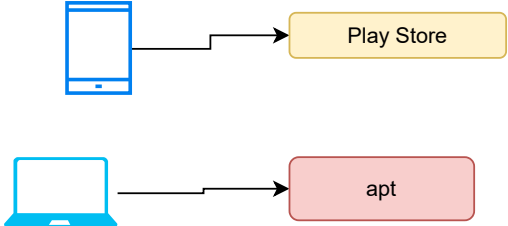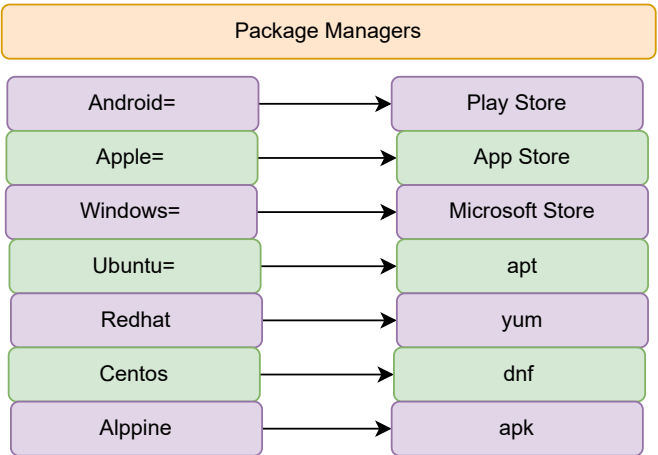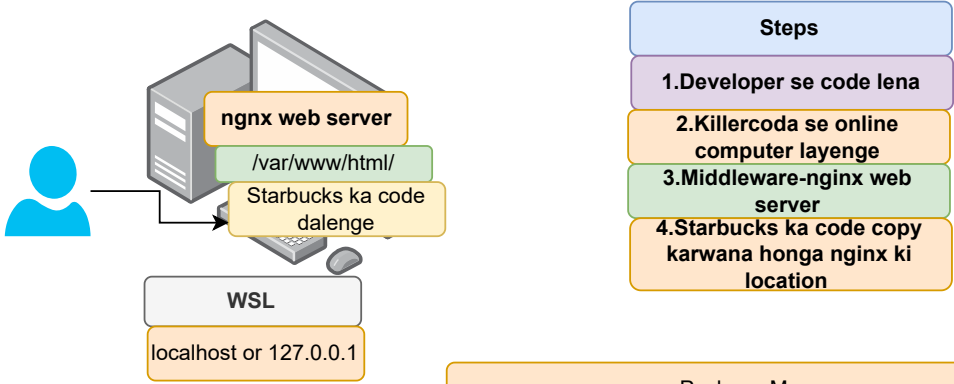- Starbuks Application ko Linux Bases Ubuntu os pr deploye karenge

**1.Absolute and Relative Path**

/
- Root
- Home
- Temp

Chintu

**Absolute Path:Start from Slash(/)**

**Relative Path:Jaha pr hai chintu..vahi se path chalu hoga**

Home:
- Sonu_ka ghar
- Chutaki_ka ghar

Sonu

Chutaki

**Absolute Path:/home/Sonu_ka_ghar**

**Absolute Path:/home/Chutki_ka_ghar**

**Relative Path: ../home/Chutaki ka ghar**

Relative Path: ../chutaki_ka_ghar

Relative Path: ../home/sonu_ka_ghar

**System Commands**
- lscpu=CPU ka information
- free -h=Kinta system Memory free hai(RAM)
- df -h=Kitna Disk space used hai(HDD)
- cat /etc/os-release=kon sa OS hai
- hostname -i =Show IP Address
- uptime=Kitni der se computer up hai.
- ps =Kitni proccess backend me chalu hai
- top=Windows task manager jaisa dikhega
- kill =Kill command se proccess closed karate hai
- du  -h=show disk uses of a directory

Pipe | ,Redirect >,Appennd >>

user management commnad

less,head,tail

**Requirement: Starbucks App ko Deploy on Linux  Computer**

How to install software in Linux??

ngnx web server

/var/www/html/

Starbucks ka code dalenge

WSL

localhost or 127.0.0.1

**Steps**
1. Developer se code lena
2. Killercoda se online computer layenge
3. Middleware-nginx web server
4. Starbucks ka code copy karwana honga nginx ki location

Play Store

apt

Package Managers

| | |
|---|---|
| Android= | Play Store |
| Apple= | App Store |
| Windows= | Microsoft Store |
| Ubuntu= | apt |
| Redhat | yum |
| Centos | dnf |
| Alppine | apk |

**apt Commands**
- apt update
- apt list
- apt search
- apt install
- apt list --installed

**Systemctl commands**
- status
- start
- stop
- restart
- enable
- Disable

systemctl status<app>

systemctl status nginx

apt update

Ek copy of packages

apt

apt list

apt install nginx