

# Sunbeam Institute of Information Technology Pune and Karad

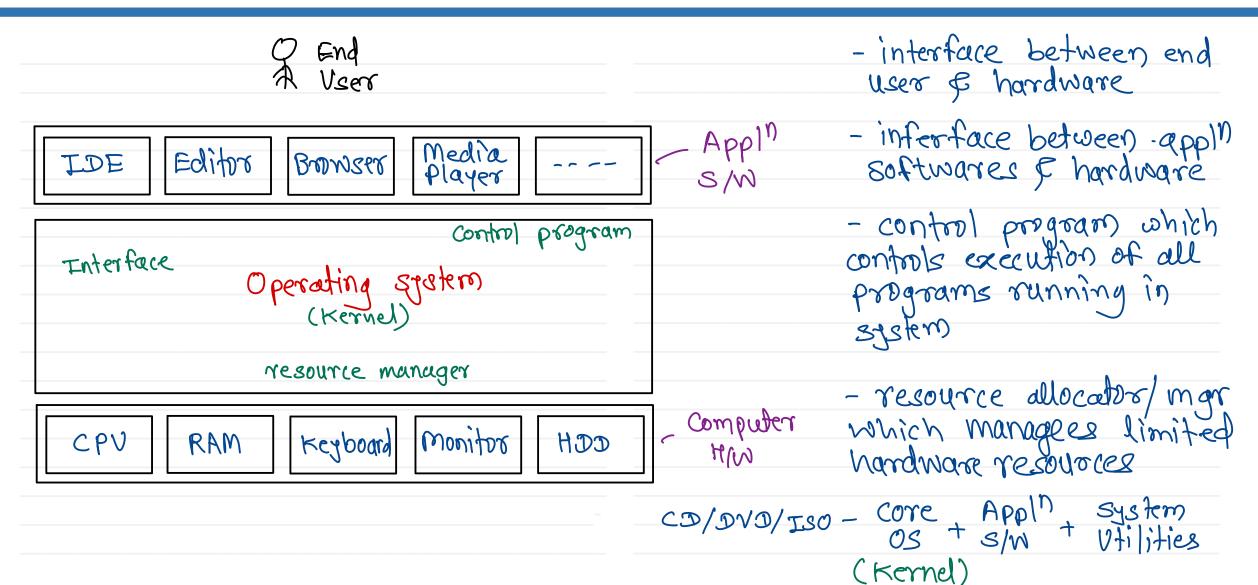
# **Module - Concepts of Operating System**

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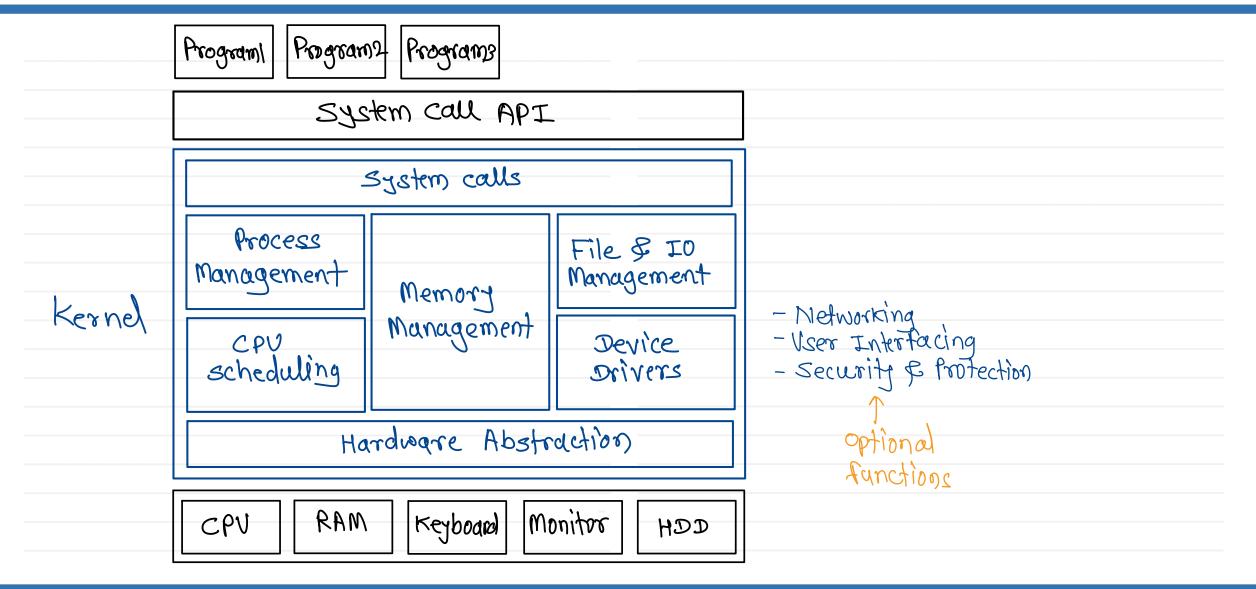


## **Operating system**



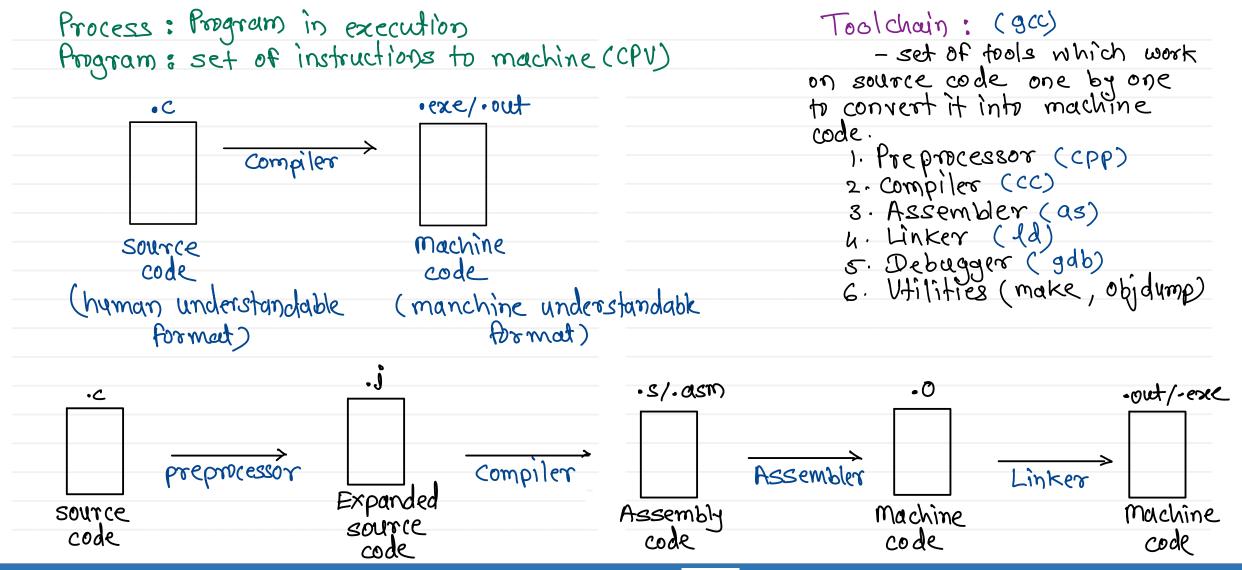


#### Linux kernel architecture



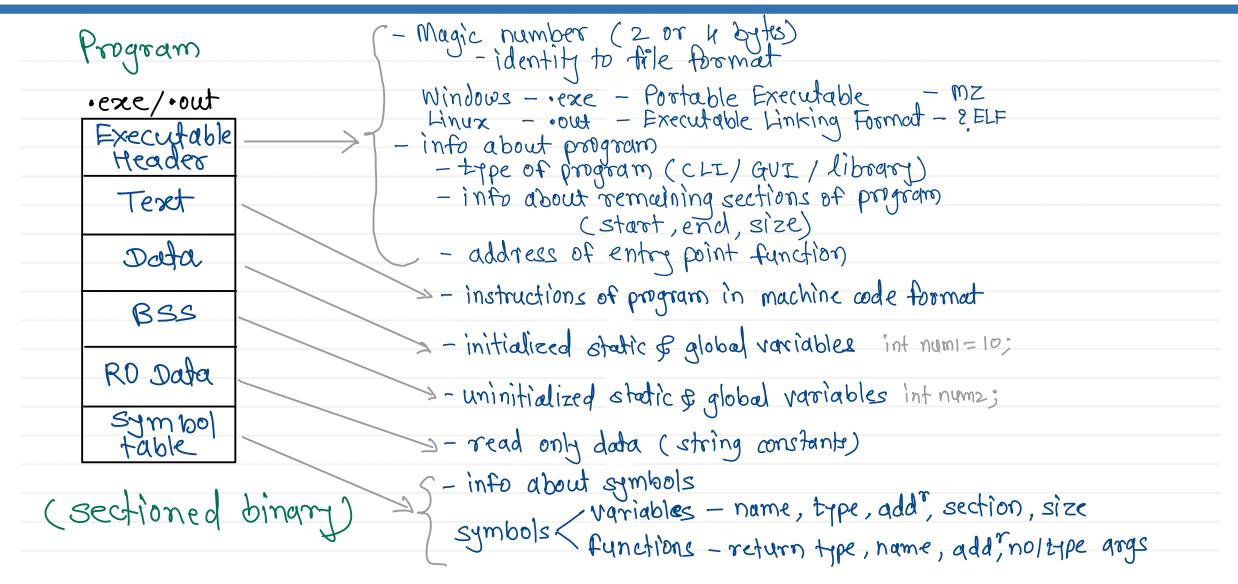


## **Program compilation steps**

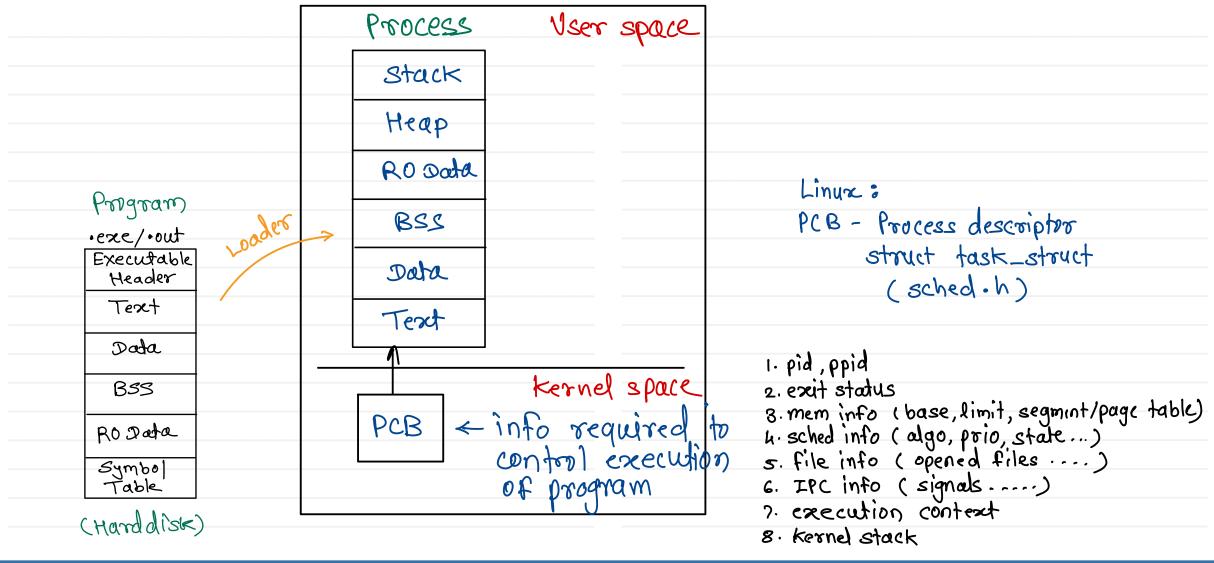




# **Program**

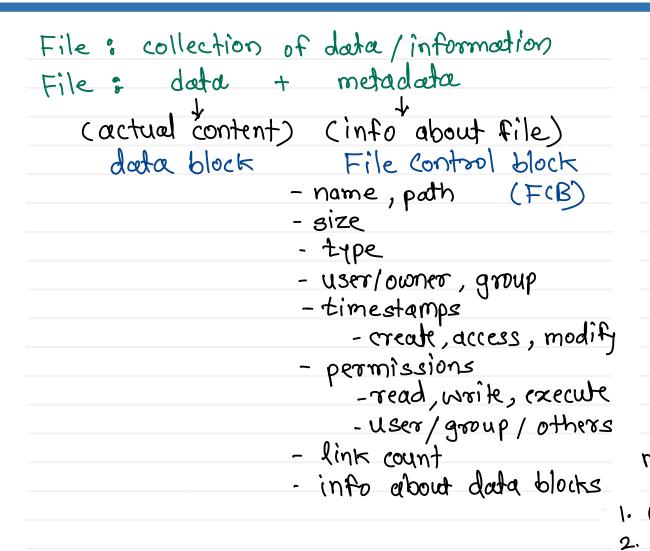


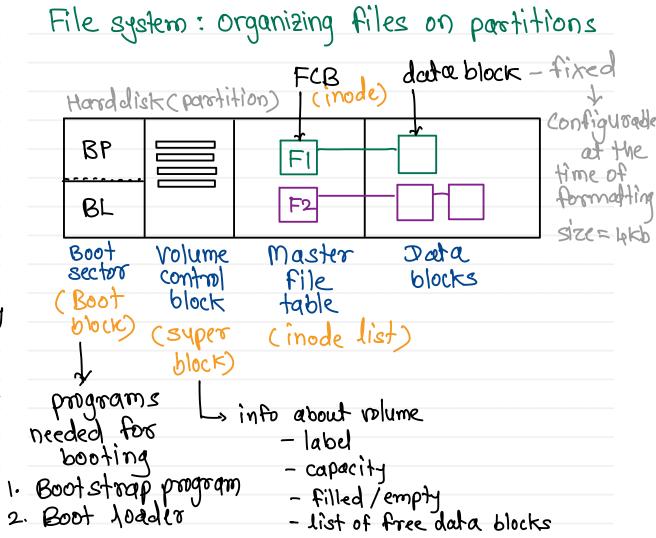






# File and File system

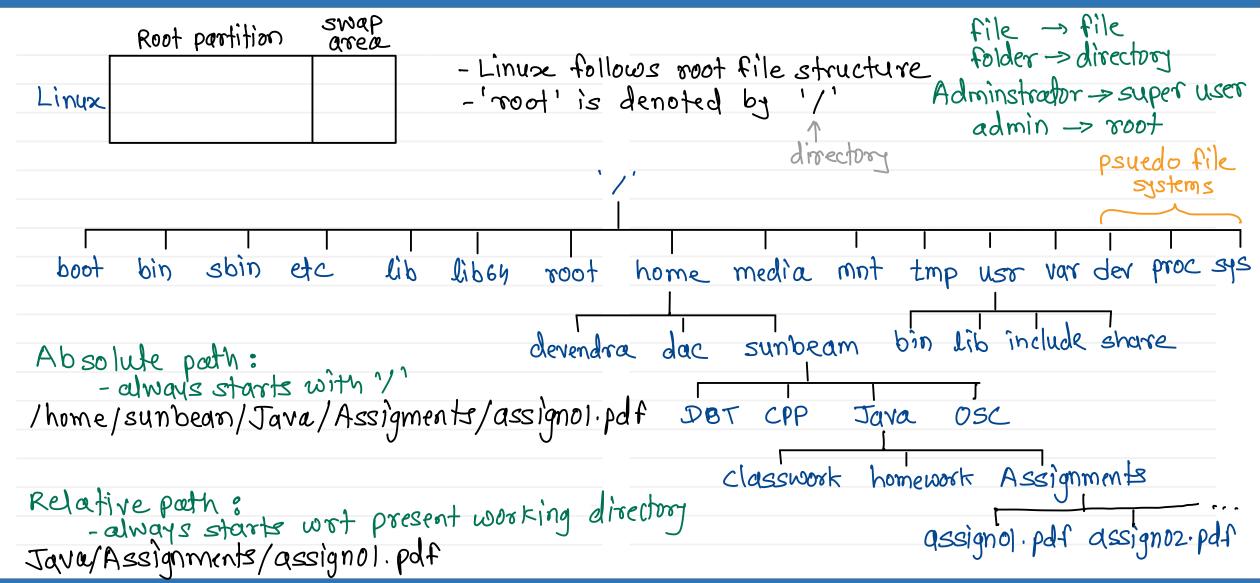








#### **Linux file structure**





# **User Interfacing**

- user interfacing is achieved through one program which is called as "shell".
- Shell is an intermediate between end user & operating system.
- shell is a command interpreter

result 16 cmd 10 user

interprets (shell)

result 15 cmd (3)

opnicess 05

-in Vountu default shell is bash'

BASH - Bourne Again Shell

cho & SHELL - will show default shell

chsh - to change default shell

Windows - cmd·exe, powershell·exe Linux - bsh(sh), bash, csh, ksh, zsh

GNU Network Object Model Env)





# Thank you!!!

Devendra Dhande

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