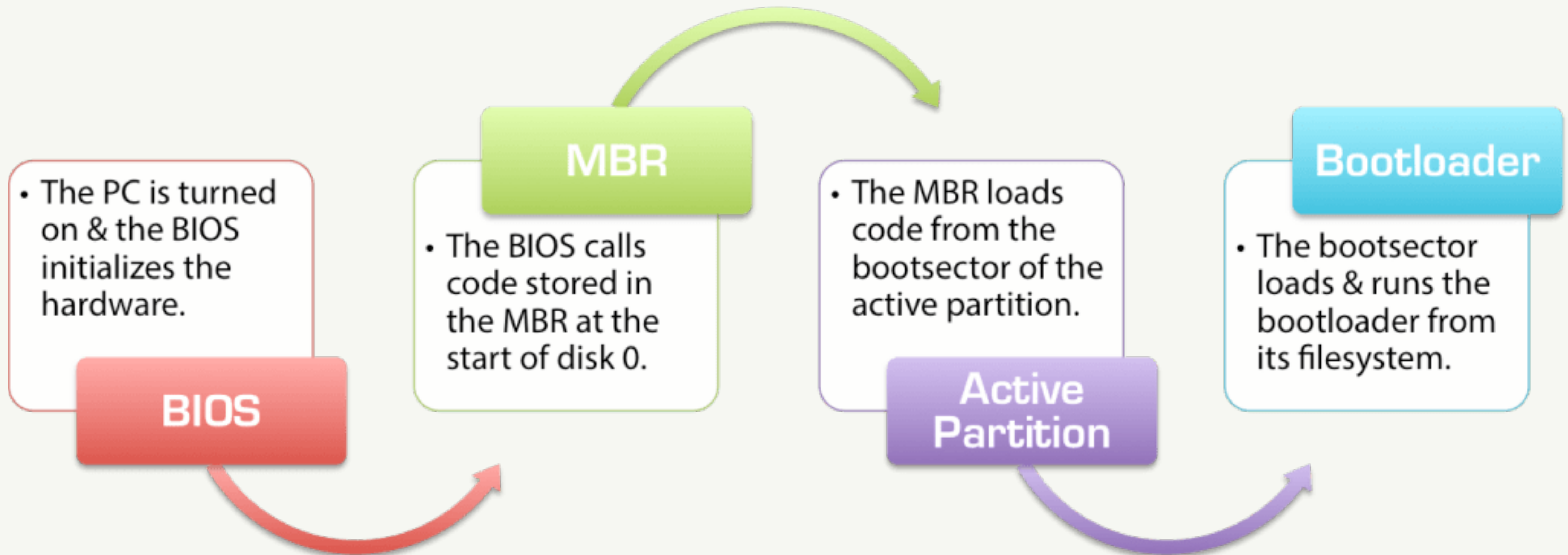


OS Booting Process

Tanaji Patil



Master Boot Record

Bootstrap
Code

Partition Table

Boot
Signature

(0x55
0xAA)

Partition 1

Partition 2

Partition 3

Partition 4

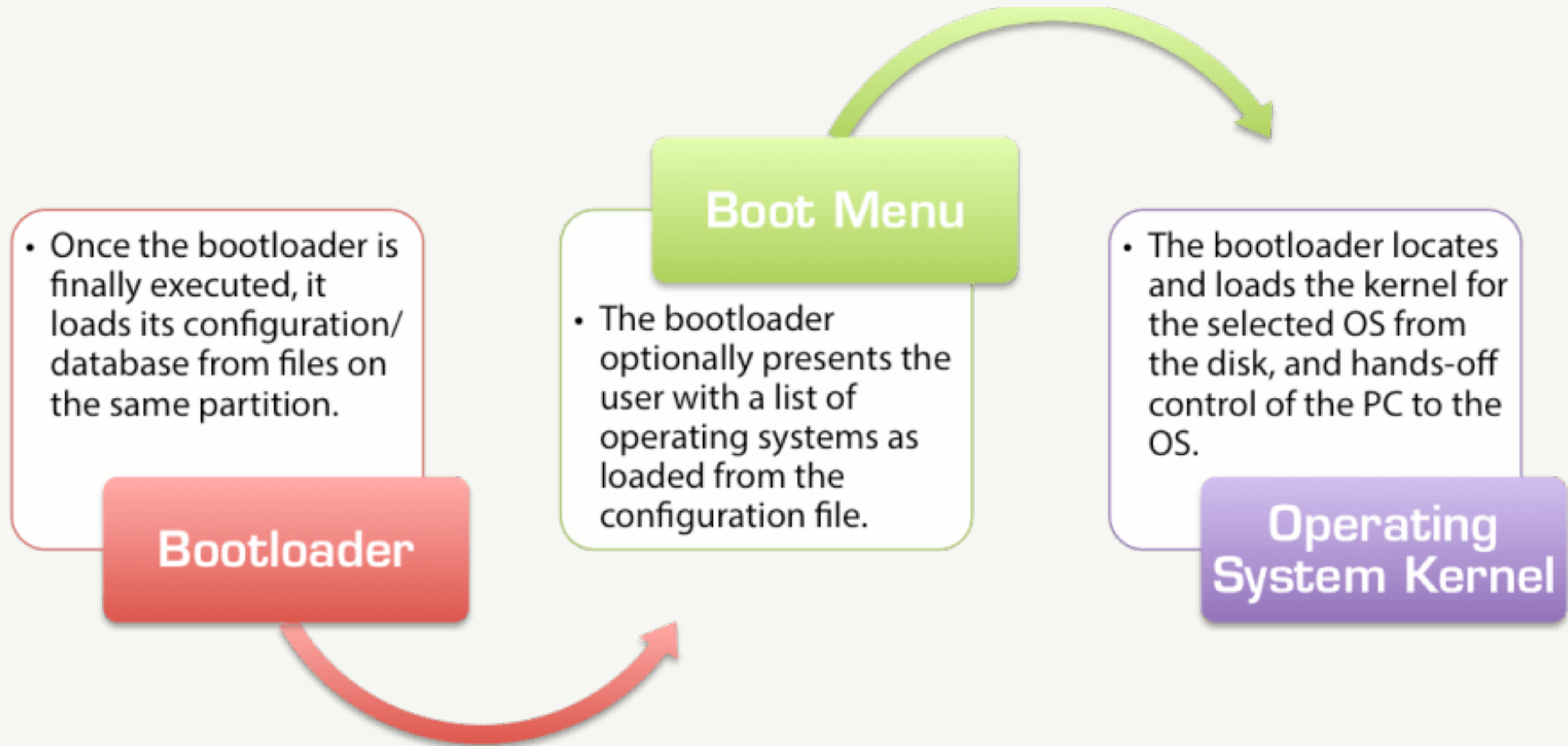
Partition on Disk

JMP

**Filesystem
Header**

**Bootstrap
Code**

**End of
Sector
(0x55
0xAA)**



Power ON/Restart

System Startup/Hardware initialization

BIOS/System
start

Boot loader Stage 1

MBR loading

Boot loader Stage 2

GRUB Boot loader

Kernel

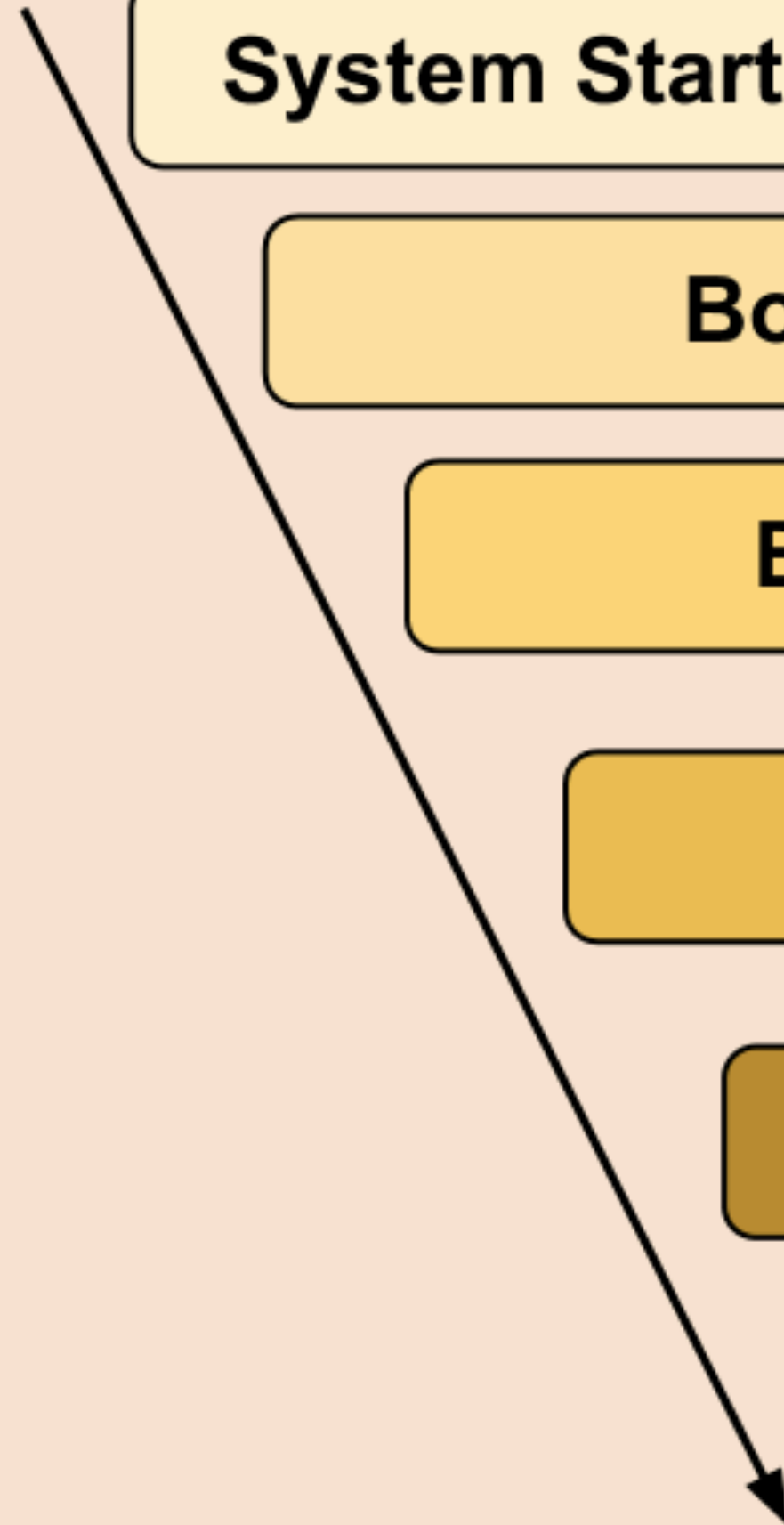
Linux OS

INIT process

Run levels

User prompt

User commands



Thank you