



## Exercise

Describe the different boot phases of a computer OS.

## Solution

Initiator ROM: In this phase a reset signal is sent to load the default values in all registers. Especially, the program counter with the address ROM boot loader (stored in the computer BIOS) is initialized.

Charger SO: At this stage, the purpose initiator ROM, the boot sector of the disk where the operating system is shown.

resident of the OS: This phase is responsible for initializing the operating system and the following tasks: checking the consistency of the file system, creating structures in main memory internal operating system data, initialization virtual memory system, interrupt enable, etc.

Normal OS implementation phase: In this phase the major server operating system and all user-level services are initialized.