

### DOS Boot Sequence

1. **POST: Power On Self Test:** is a built in program to tests the computer hardware component before the computer boots up.
2. MBR
3. BOOT
4. IO.SYS
5. MSDOS.SYS
6. CONFIG.SYS
7. COMMAND.COM
8. AUTOEXEC.BAT
8. COMMAND PROMPT
9. WINDOWS

### WINDOWS 2000 need the following files for Boot process : (للاطلاع)

1. NTI\_DR Root of the active partition ((C:\)
2. BOOT Root of the active partition (C:\)
3. BOOTSECT.DOS (only if dual booting) Root of the active partition(C:\)
4. NTDETECT.COM Root of the active partition (C:\)
5. NTBOOTDD.SYS Root of the active partition (C:\)
6. NTOSKRNL.EXE C:\Winnt\System32
7. HAL.DLL C:\Winnt\System32
8. SYSTEM registry key C:\Winnt\System32\Config
9. Device. Drivers C:\Winnt\System32\Drivers

### Disk Structure after Format operation:

|     |      |      |      |                |           |
|-----|------|------|------|----------------|-----------|
| MBR | BOOT | FAT1 | FAT2 | Root Directory | Data area |
|-----|------|------|------|----------------|-----------|