DEVICE DRIVERS PRACTICE - LAB 1

Exercise - 1 : List at least 10 Daemons running in your machine and explain each in one or two lines.

- **systemd** - first daemon to start during booting and the last daemon to terminate during shutdown. It serves as the root of the user space's process tree.
- **kthreadd** - parent of all kernel threads.
- **kauditd** - it is a part of the linux kernel responsible for the kernel audit events and communicates with the auditd process.
- **ksmd** - periodically scans those areas of user memory which have been registered with it, looking for pages of identical content which can be replaced by a single write-protected page.
- **watchdogd** - it periodically kicks the system watchdog timer (WDT) to prevent it from resetting the system.
- **systemd**-**udevd** - for every event, it executes matching instructions specified in udev rules.
- **bluetoothd** - manages all the bluetooth devices.
- **cupsd daemon** - it sends the files to the remote system's server.
- **snapd** - it is a REST API daemon which manages snap packages.
- **polkitd** - it is a security related daemon which restricts/permits actions based on defined policies.

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