LSP Task 1 Linux Kernel Architecture Manages process scheduling ensuring ifair CPU time allocation and efficient multitasking Device Drivers Tile system. Interface with hondersone Manages clata Storage idenia, fransling abstract file access and on vaorious access method for the system. Istolage devices. Provide fundamental serves like memormanagemet liter process commences on and even handly. Hydritecture, Debendant code. Centain len- enel coole specefic to the hardware auchitecture such as assemble instruction and CDU-specific operation Iroces schedular: Manages process execution, Allocates

CDV time efficiently and fairly.

Memory management -> Hander RAM allocation

violated memory and trasm. File system: Organize and handle fit storage and Network stack: Pacilitudes network communication

urng Standard protocol Denite Deriven: Prable communication between the kernal and handware devices