Notes week 2

Operating System (05)

software that runs on computer/microcontroller that accomplishes a no. of important functions



Resource management

Real-Time OS (RTUS)

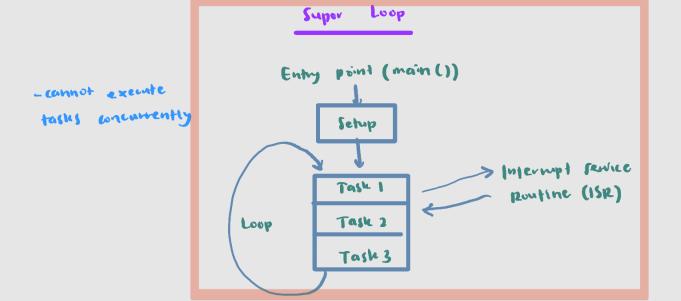
offer same functions as GPOS

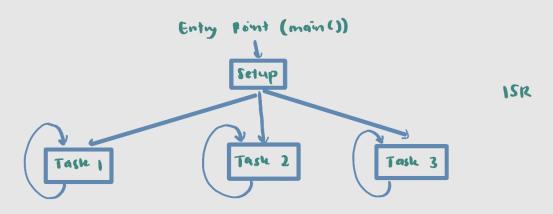
can meet timing deadlines on tasks

- provide high level device drivers

Bluetooth stack LCD drivers

- Run multiple tasks concurrently





Tash - set of program instructions loaded in memory

Thread - unit of CPU utilization with own program counter & stack

Process - instance of a computer program

- Free 1105 : Task = Thread

why RTOS?

requires large RAM 4 processing power team working on larger project

ESP32 Development Board