

# Why having priorities?

- ✓ Optimize job turnaround time for “batch” jobs
- ✓ Minimize response time for “interactive” jobs

# MLQ - Multilevel Queue Scheduling (preemptive)

- ➔ Associate a priority with each thread and execute highest priority thread first. If same priority, do round-robin.



- ⦿ **Problem 1 :** starvation of low priority thread
- ⦿ **Problem 2 :** (possibly) starvation of high priority thread
- ⦿ **Problem 3 :** how to decide on the priority?