

RR - Round Robin (preemptive)

- ➔ Each job is given a time slice called a quantum, preempt job after duration of quantum, move to back of FIFO queue



- ✓ **Good** : fair allocation of CPU, low waiting time (interactive)
- ⦿ **Problem** : no priority between threads

Time Quantum

- ➔ Context switches are frequent and need to be very fast
 - How to pick quantum?
 - Want much larger than context switch cost
 - Majority of bursts should be less than quantum - But not so large system reverts to FCFS
- ✓ Typical values: 1–100 ms