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

P_1	P_2	P_3	P_1	P_2	P_1

✓ **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