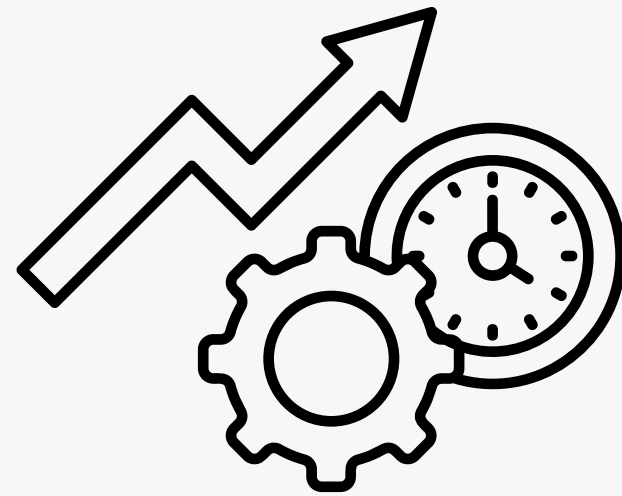


# CPU SCHEDULING

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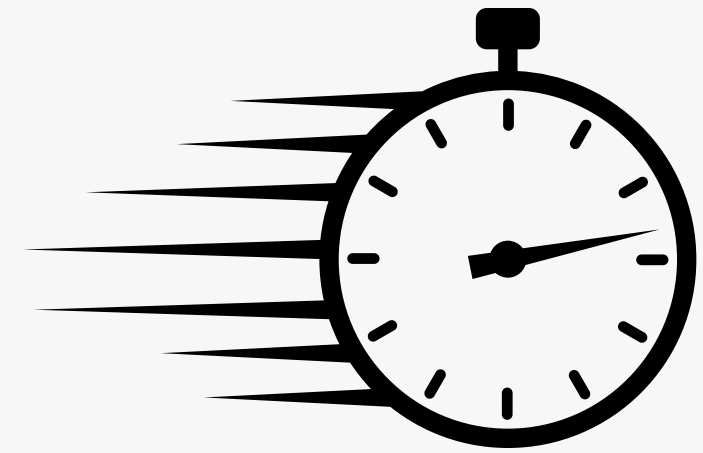
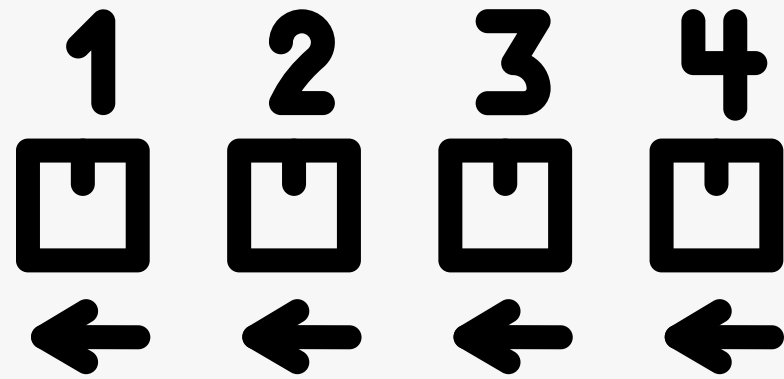
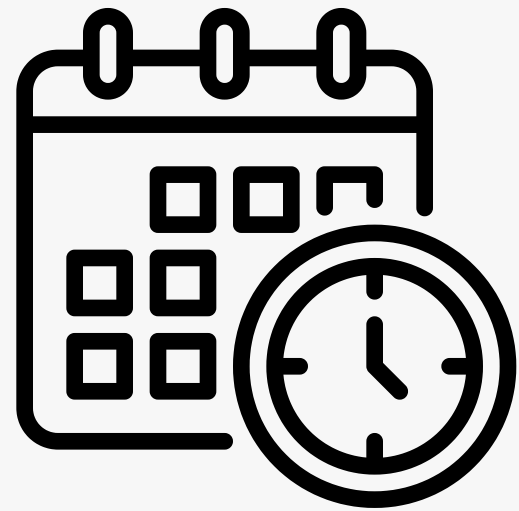
TEKNOLOGI INFORMASI-A



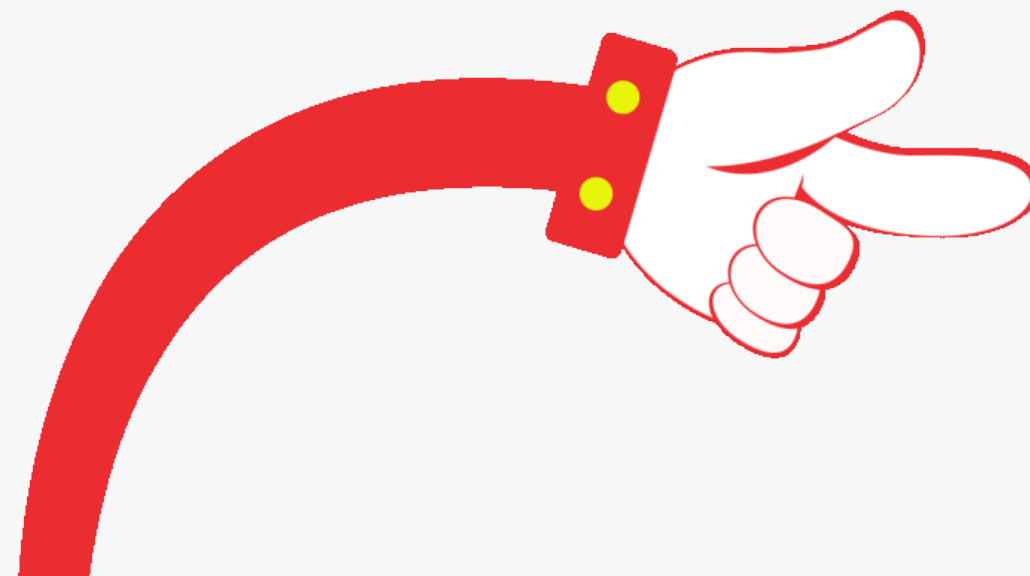
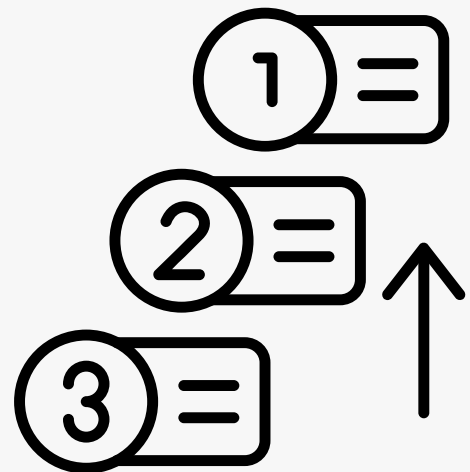
# WHAT IS

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# CPU SCHEDULING ?



# ALGORITMA DALAM PENJADWALAN CPU



**Round Robin**

# PARAMETER

Penjadwalan CPU



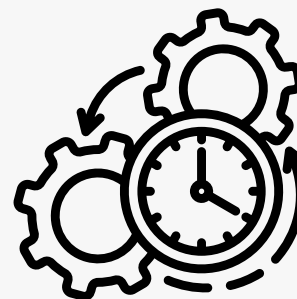
**Arrival time (AT)**



**Burst Time (BT)**



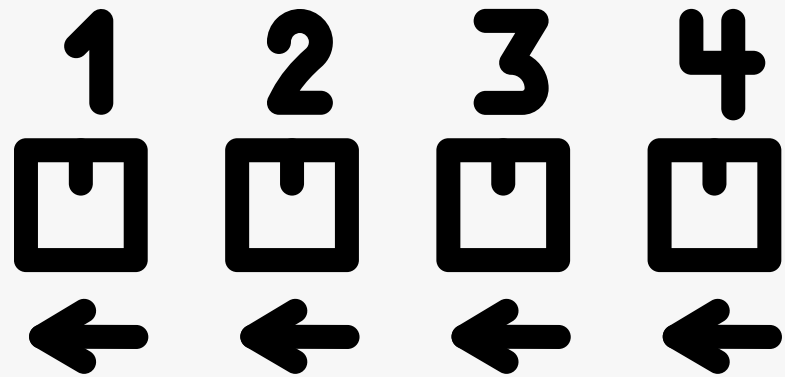
**Completion Time (CT)**



**Turnaround Time (TAT)** .....→ **CT - AT**



**Waiting Time (WT)** .....→ **TAT - BT**



Quantum Time

# ROUND ROBIN

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## WHAT IS IT?

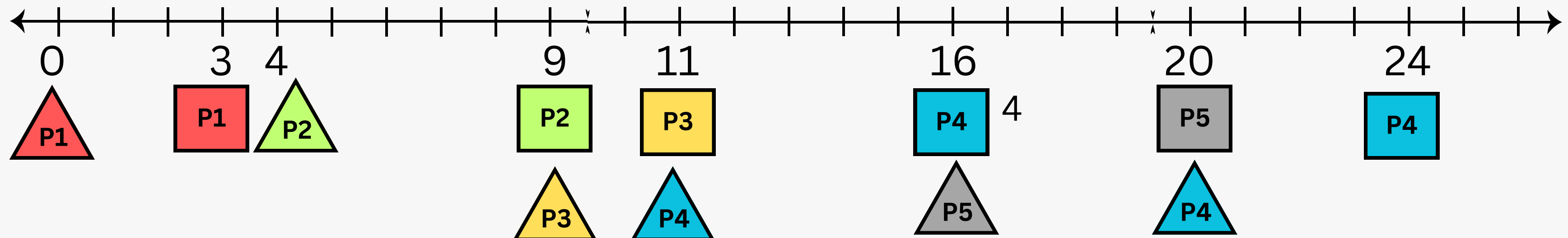


preemptive

# Contoh Kasus

Process	Arrival Time	Burst Time
P1	0	3
P2	4	5
P3	7	2
P4	8	9
P5	10	4

Quantum = 5



Process	Arrival Time	Burst Time	Completion Time	Turnaround Time	Waiting Time
P1	0	3	3	3	0
P2	4	5	9	5	0
P3	7	2	11	4	2
P4	8	9	24	16	7
P5	10	4	20	10	6

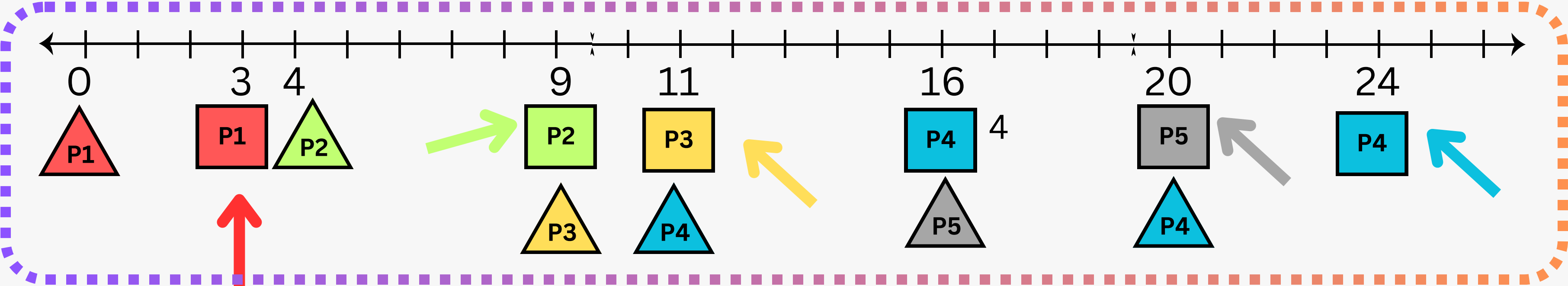
TAT = CT - AT

WT = TAT - BT

Rata Rata TAT = 7,60

Rata Rata WT = 3

Quantum = 5



# THANK YOU

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FOR WATCHING