FCFS Example with different arrival time

	AT	BT	ST	CT	TAT	WT	RT
P1	3	2	3	5	2	0	0
P2	0	1	0	1	1	0	0
P3	3	3	5	8	5	2	2
P4	10	5	13	18	8	3	3
P5	9	4	9	13	4	0	0

Avg TAT = $(2+1+5+8+4)/5 = \frac{20}{5} = 4$ ms

Avg WT = $(0+0+2+3+0)/5 = \frac{5}{5} = 1$ ms

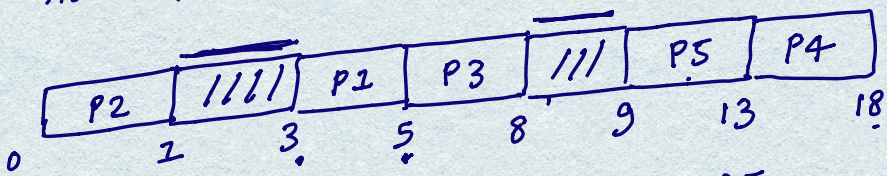
Avg RT = 1 ms

CPU utilization = $\frac{18-3}{18} = \frac{5}{6} \times 100 = \frac{500}{6}\%$

Assume, no I/O.

Assume, no context switch overhead

	AT
→ P1	1
P2	4
→ P3	1



TAT = CT − AT RT = ST − AT Throughput = $\frac{5}{15}$

WT = TAT − BT

$= \frac{1}{5}$ process/ms