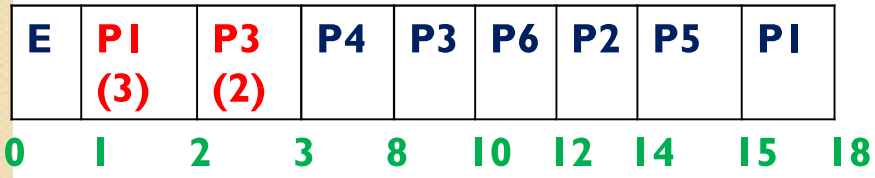
PRIORITY SCHEDULING - PE

PID/P#	AT	BT	PR	CT/FT
1	1	4	4	18
2	2	2	5	14
3	2	3	7	10
4	3	5	8	8
5	3	1	5	15
6	4	2	6	12



PRIORITY SCHEDULING – PE – 2nd example

PID/P#	AT	BT	PR	CT/FT	TAT	WT
1	1	4	5	16	15	11
2	2	5	2	21	19	14
3	3	6	6	14	11	5
4	0	1	4	1	1	0
5	4	2	7	9	5	3
6	5	3	8	8	3	0

0 1 2 3 4 5 8 9 14 16 21

ROUND ROBIN SCHEDULING

PID/P#	AT	BT	CT/FT
1	0	4	8
2	1	5	18
3	2	2	6
4	3	1	9
5	4	6	21
6	5	3	19

- Pre-emptive Version
- Time Quantum based
- Time Slice approach to Scheduling Processes

Ready Q

P1	P2	P3	P1	P4	P5	P2	P6	P5	P2	P6	P5

P1 (2)	P2 (3)	P3	P1	P4	P5 (4)	P2 (2)	P6 (1)	P5 (2)	P2	P6	P5

0 2 4 6 8 9 11 13 15 17 18 19 21

RR – 2nd example (TQ=3)

PID/P#	AT	BT	CT/FT	TAT	WT
1	5	5	32	27	22
2	4	6	27	23	17
3	3	7	33	30	23
4	1	9	30	29	20
5	2	2	6	4	2
6	6	3	21	15	12

Ready Q

P4	P5	P3	P2	P4	P1	P6	P3	P2	P4	P1	P3

E	P4 (6)	P5	P3 (4)	P2 (3)	P4 (3)	P1 (2)	P6	P3 (1)	P2	P4	P1	P3

0 1 4 6 9 12 15 18 21 24 27 30 32 33

RR – 3rd example (TQ=2)

PID/P#	AT	BT	CT/FT	TAT	WT
1	3	2			
2	2	4			
3	6	3			
4	8	1			
5	4	3			
6	5	4			

Ready Q

P2	P1	P5	P2	P6	P3	P4	P5	P6	P3

E	P2 (2)	P1	P5 (1)	P2	P6 (2)	P3 (1)	P4	P5	P6	P3

0 2 4 6 8 10 12 14 15 16 18 19