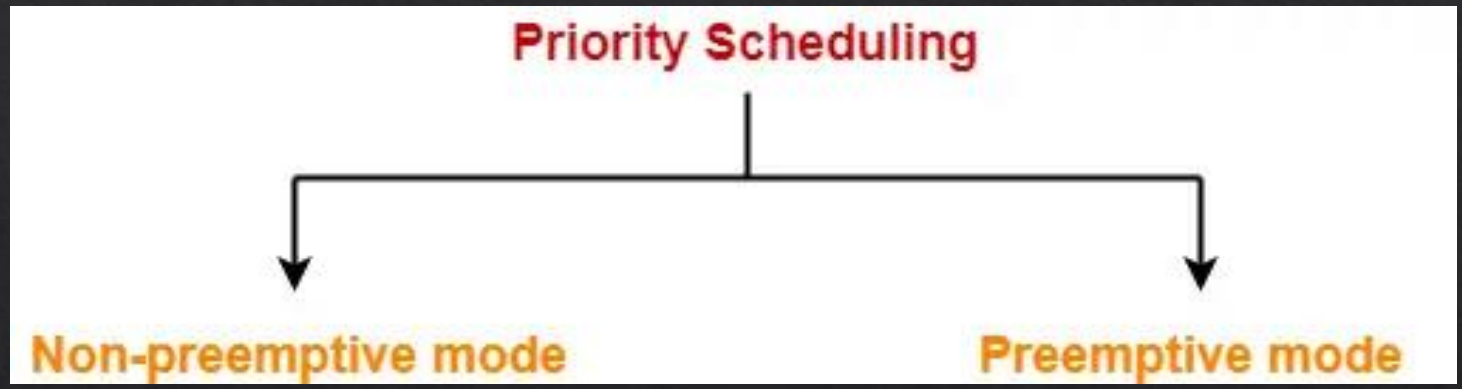
Priority Scheduling-

In priority scheduling , there is a priority number assigned to each process. There are two types of priority scheduling algorithm exits



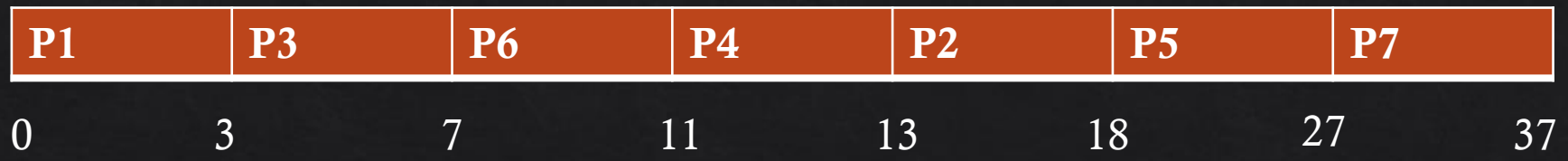
If the priority number doesn't change itself throughout the process , it is called static priority while keep changing itself at regular intervals, it is called dynamic priority

Non Preemptive Priority scheduling

PID	Priority	AT	BT	CT
P1	2	0	3	3
P2	6	2	5	18
P3	3	1	4	7
P4	5	4	2	13
P5	7	6	9	27
P6	4	5	4	11
P7	10	7	10	37

Lesser the number
Higher the priority

Criteria = priority
Mode = Non-preemptive

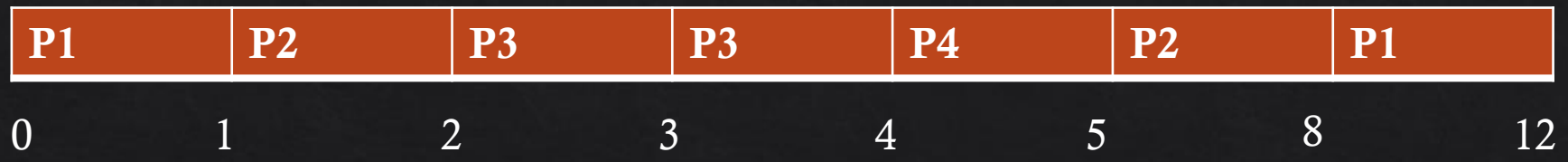


Preemptive Priority scheduling

PID	Priority	AT	BT	CT
P1	10	0	5	12
P2	20	1	4	8
P3	30	2	2	4
P4	40	4	1	5

Higher the number
Higher the priority

Criteria = Priority
Mode = Preemptive



Preemptive Priority scheduling

PID	Priority	AT	BT	CT
P1	2	0	4	15
P2	3	1	3	12
P3	4	2	1	3
P4	5	3	5	8
P5	5	4	2	10

Higher the number
Higher the priority

Criteria = Priority
Mode = Preemptive

FIFO Page Replacement algorithm

F3			1	1	1	1	0	0	0	3	3	3	3	2	2
F2		0	0	0	0	3	3	3	2	2	2	2	1	1	1
F1	7	7	7	2	2	2	2	4	4	4	0	0	0	0	0
				Hit								Hit			Hit

Reference String 7, 0, 1, 2, 0, 3, 0, 4, 2, 3, 0, 3, 1, 2, 0

Page Hit = 3

Page fault / miss = 12