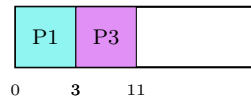# 1 Priority Scheduling

Introduction

Priority scheduling is a scheduling algorithm that schedules processes according to the priority assigned to each process. Higher priority processes are executed before lower priority processes; Processes with the same priority are executed in the "execution in order of arrival" method. Also, priority scheduling is a non-preemptive paradigm.
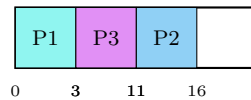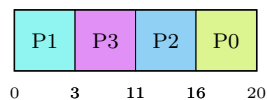
1.1 Time 0: Process P1

P1	

0   3

1.2 Time 3: Process P3

P1	P3	

0   3   11

1.3 Time 11: Process P2

P1	P3	P2	

0   3   11   16

1.4 Time 16: Process P0

P1	P3	P2	P0

0   3   11   16   20

1.5 Final Process Table

Process	Arrival Time	Burst Time	Priority	Service Time
P0	0	4	1	16
P1	0	3	2	0
P2	1	5	5	11
P3	1	8	6	3

1.6 Execution Order

P1	P3	P2	P0

0   3   11   16   20