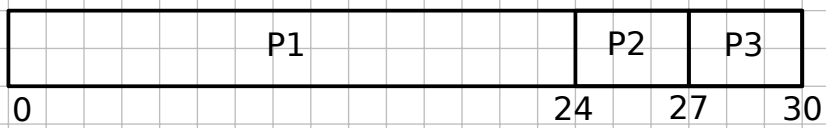


Esercizi sui diagrammi di Gantt

Processo	Durata
P1	24
P2	3
P3	3

Strategia First Come First Served (FCFS)



Tempo di Attesa

P1: 0
P2: 24
P3: 27

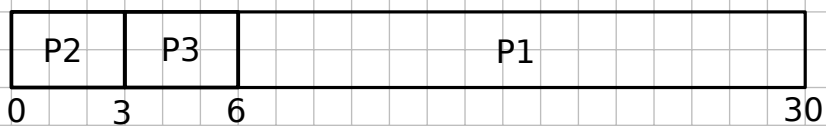
t.m.a: 17

Tempo di Completamento

P1: 24
P2: 27
P3: 30

t.m.c: 27

Strategia Shortest Job First (SJF)



Tempo di Attesa

P1: 6
P2: 0
P3: 3

t.m.a: 13

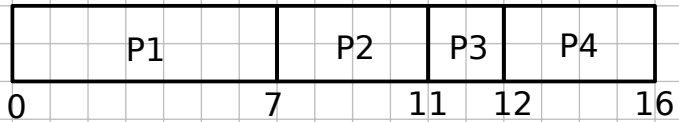
Tempo di Completamento

P1: 30
P2: 3
P3: 6

t.m.c: 10

Processo	Arrivo	Durata
P1	0	7
P2	2	4
P3	4	1
P4	5	4

Strategia First Come First Served (FCFS)



Tempo di Attesa

P1: 0
P2: $7-2=5$
P3: $11-4=7$
P4: $12-5=7$

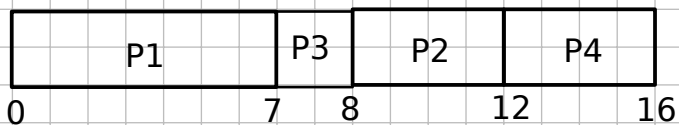
t.m.a: 4.75

Tempo di Completamento

P1: 7
P2: $11-2=9$
P3: $12-4=8$
P4: $16-5=11$

t.m.c: 8.75

Strategia Shortest Job First (SJF)



Tempo di Attesa

P1: 0
P2: $8-2=6$
P3: $7-4=3$
P4: $12-5=7$

t.m.a: 4.00

Tempo di Completamento

P1: 7
P2: $12-2=10$
P3: $8-4=4$
P4: $16-5=11$

t.m.c: 8.00

Strategia Shortest Remaining Time Next (SRTN)

P1	P2	P3	P2	P4		P1
0	2	4	5	7	11	16

Tempo di Attesa

P1: $11-2=9$
P2: $5-2-2=1$
P3: $4-4=0$
P4: $7-5=2$

t.m.a: 3.00

Tempo di Completamento

P1: 16
P2: $7-2=5$
P3: $5-4=1$
P4: $11-5=6$

t.m.c: 7.00

Processo	Arrivo	Durata
P1	0	7
P2	2	5
P3	4	2

Strategia First Come First Served (FCFS)

P1		P2		P3	
0	7	12	14		

Tempo di Attesa

P1: 0
P2: $7-2=5$
P3: $12-4=8$

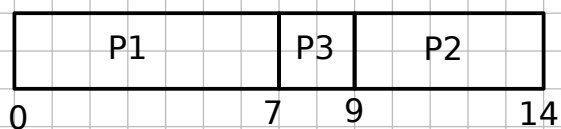
t.m.a: 4.33

Tempo di Completamento

P1: 7
P2: $12-2=10$
P3: $14-4=10$

t.m.c: 9.00

Strategia Shortest Job First (SJF)



Tempo di Attesa

P1: 0
P2: $9-2=7$
P3: $7-4=3$

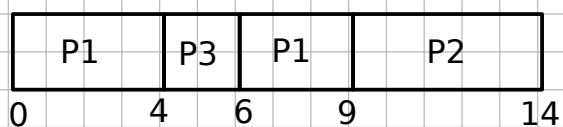
t.m.a: 3.33

Tempo di Completamento

P1: 7
P2: $14-2=12$
P3: $9-4=5$

t.m.c: 8.00

Strategia Shortest Remaining Time Next (SRTN)



Tempo di Attesa

P1: $6-4=2$
P2: $9-2=7$
P3: $4-4=0$

t.m.a: 3.00

Tempo di Completamento

P1: 9
P2: $14-2=12$
P3: $6-4=2$

t.m.c: 7.66