Tabelle1

Process	Arrival Time	Service Time	Priority
A	0	3	1
B	3	10	1
C	5	4	2
D	6	6	2
E	8	2	3

Throughput = jobs / time

response time(latency) = waiting time / jobs

turnaround time = full time / jobs

First Come First Serve
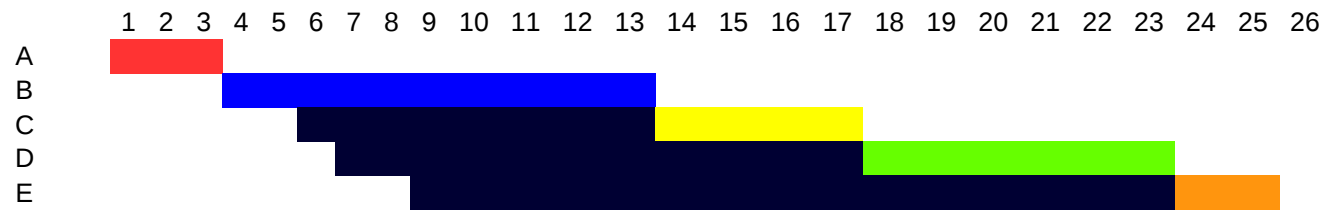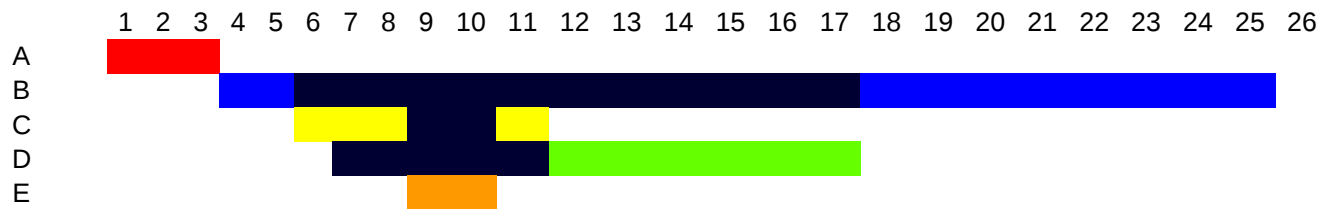

Throughput = 0,2   turnaround time = 11,8   Latency = 6,8
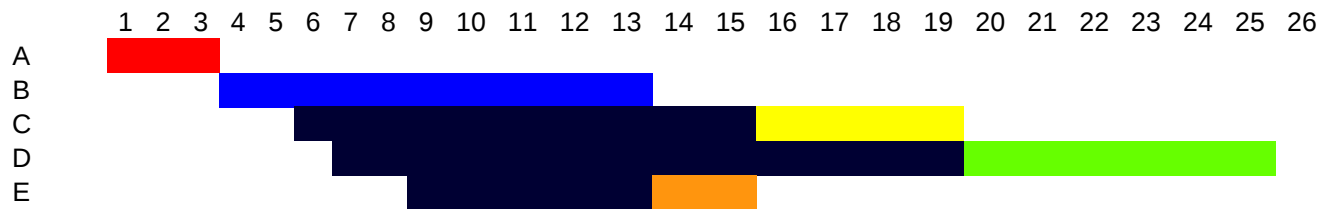
Tabelle1

Shortest Remaining Time Next

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A																										
B																										
C																										
D																										
E																										

Throughput = 0,2 turnaround time = 8,8 Latency = 3,8

Shortest Process Next

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A																										
B																										
C																										
D																										
E																										

Throughput = 0,2 turnaround time = 10,6 Latency = 5,6

Tabelle1

Round Robin(1)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
A																										
B																										
C																										
D																										
E																										
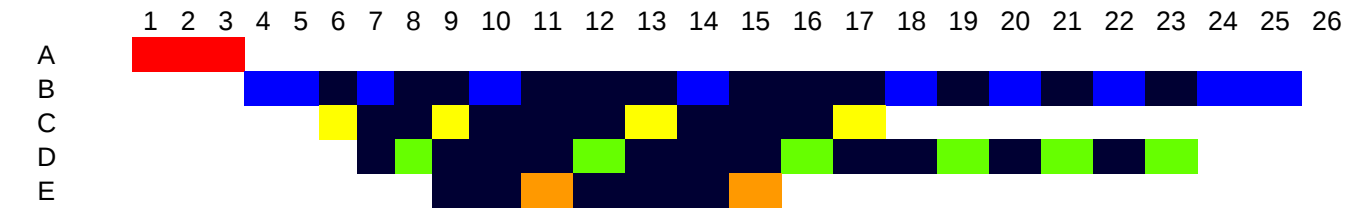
Throughput = 0,2   turnaround time = 12,2   Latency = 7,2

Tabelle1

Queue(T)

Queue(1)	EMPTY		
Queue(2)	EMPTY		
Queue(3)	EMPTY		
Queue(4)	EMPTY		
Queue(5)	EMPTY		
Queue(6)	B		
Queue(7)	D	C	
Queue(8)	C	B	
Queue(9)	B	E	D
Queue(10)	E	D	C
Queue(11)	D	C	B
Queue(12)	C	B	E
Queue(13)	B	E	D
Queue(14)	E	D	C
Queue(15)	D	C	B
Queue(16)	C	B	
Queue(17)	B	D	
Queue(18)	D		
Queue(19)	B		
Queue(20)	D		
Queue(21)	B		
Queue(22)	D		
Queue(23)	B		
Queue(24)	EMPTY		
Queue(25)	EMPTY		

Tabelle1

Round Robin(4)
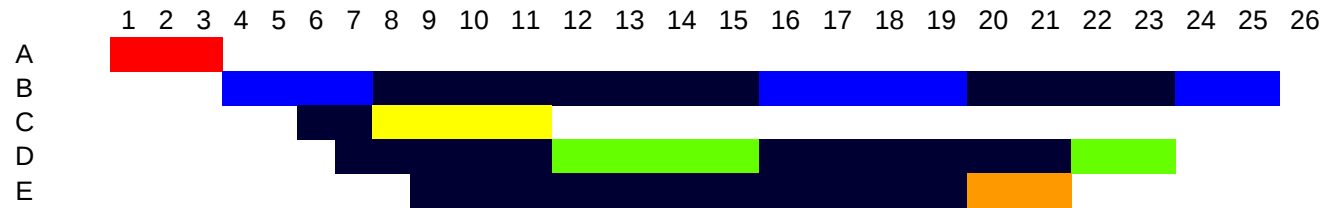
Throughput = 0,2   turnaround time = 12,2   Latency = 7,2

Queue(T)

Queue(1)	EMPTY		
Queue(2)	EMPTY		
Queue(3)	EMPTY		
Queue(4)	EMPTY		
Queue(5)	EMPTY		
Queue(6)	C		
Queue(7)	C	D	
Queue(8)	D	B	
Queue(9)	D	B	E
Queue(10)	D	B	E
Queue(11)	D	B	E
Queue(12)	B	E	
Queue(13)	B	E	
Queue(14)	B	E	
Queue(15)	B	E	
Queue(16)	E	D	
Queue(17)	E	D	
Queue(18)	E	D	
Queue(19)	E	D	

Tabelle1

Queue(20)   D   B
Queue(21)   D   B
Queue(22)   B
Queue(23)   B
Queue(24)   EMPTY
Queue(25)   EMPTY

Highest Priority First without preemption
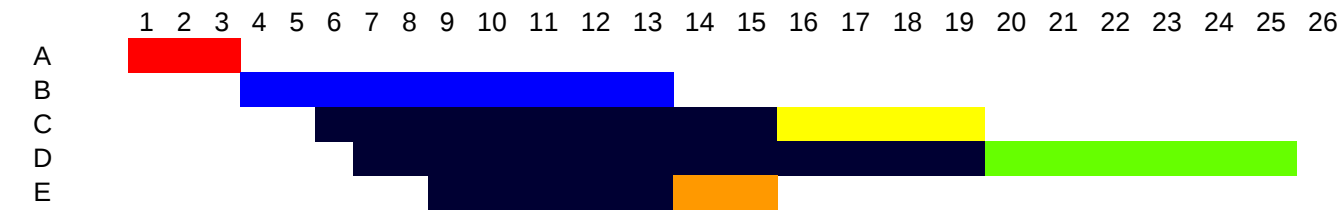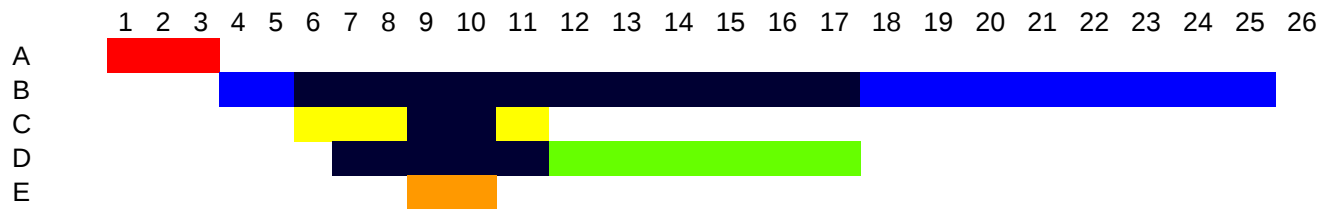

Throughput = 0,2   turnaround time = 10,6   Latency = 5,6

Highest Priority First with preemption

Throughput = 0,2   turnaround time = 8,8   Latency = 3,8