| Proc.	Arriv.	Serv.	Prio.
A	0	3	1
B	3	10	1
C	5	4	2
D	6	6	2
E	8	2	3

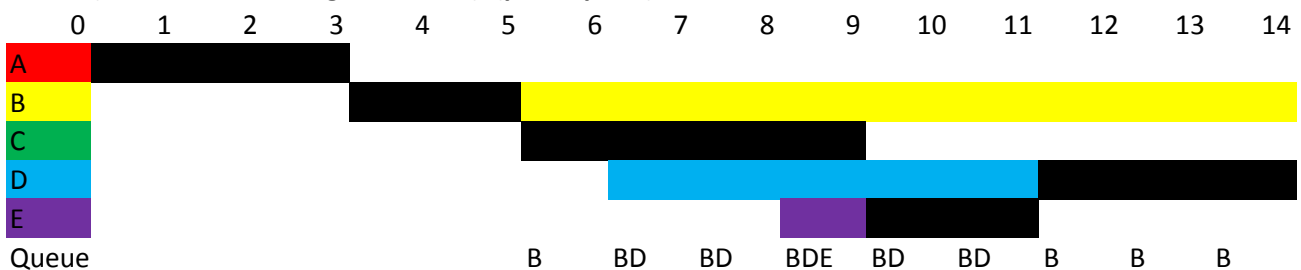|	turnaround
1. FCFS (First Come First Served)	11,8
2. SPN (Shortest Process Next)	10,6
3. SRT (Shortest Remaining Time Next)	8,6
4. Round Robin (quantum = 1)	12,2
5. Round Robin (quantum = 4)	12,2
6. Highest Priority First with preemption	8,8
7. Highest Priority First without preemption	10,6

1. FCFS (First Come First Served)

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Queue: C, CD, CD, CDE, CDE, CDE, CDE, CDE, DE
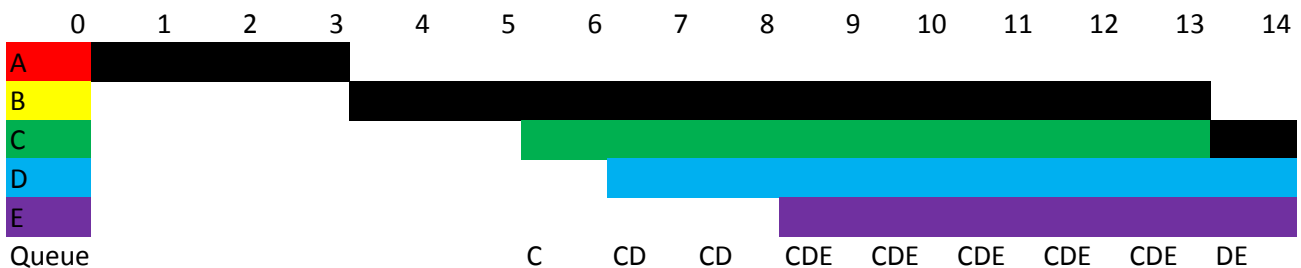
turnaround time: **11,8**
respose time: **6,8**
throughput: **0,2**

2. SPN (Shortest Process Next) (Non-preemptive)

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Queue: C, CD, CD, CDE, CDE, CDE, CDE, CDE, CD
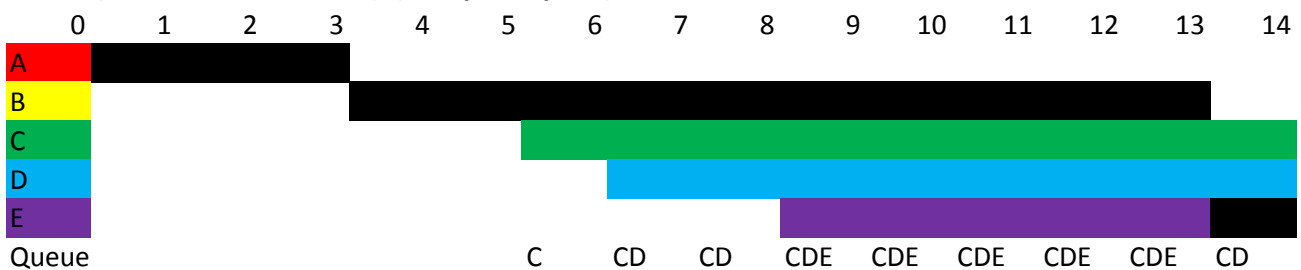
turnaround time: **10,6**
respose time: **5,6**
throughput: **0,2**

3. SRT (Shortest Remaining Time Next) (preemptive)

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Queue: B, BD, BD, BDE, BD, BD, B, B, B

turnaround time: **8,6**
respose time: **6,4**
throughput: **0,2**

4. Round Robin (quantum = 1)

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14

	A	B	C	D	E
Queue	B	BC	CD	DEB	EBC	BCD	CDE	DEB	EBC
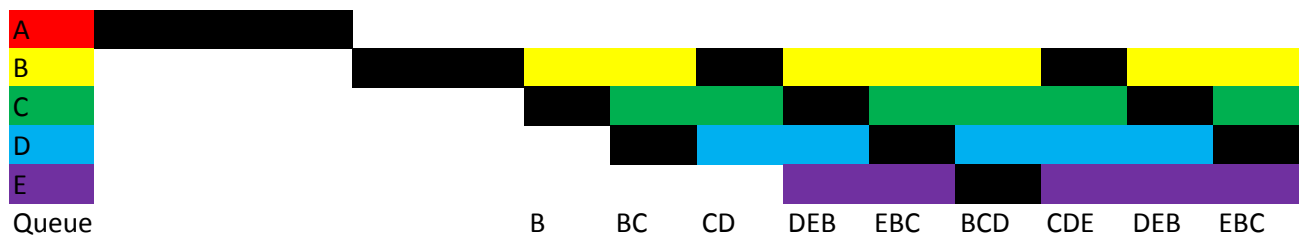
turnaround time: **12,2**
respose time: **0,4**
throughput: **0,2**

5. Round Robin (quantum = 4)

Queue: C CD DB DBE DBE DBE BE BE BE
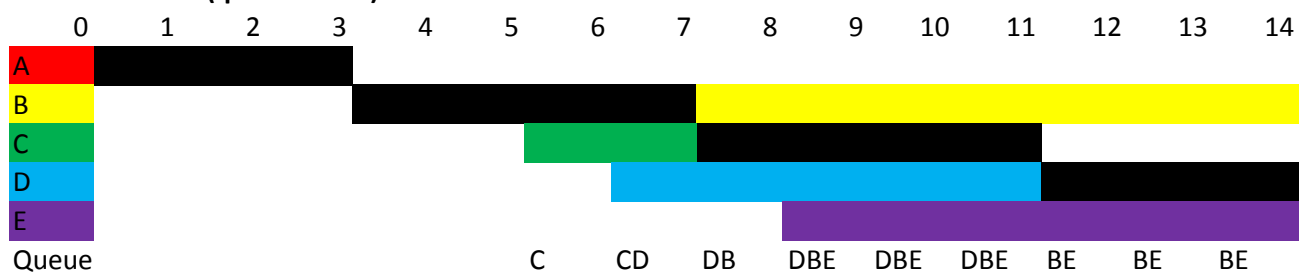
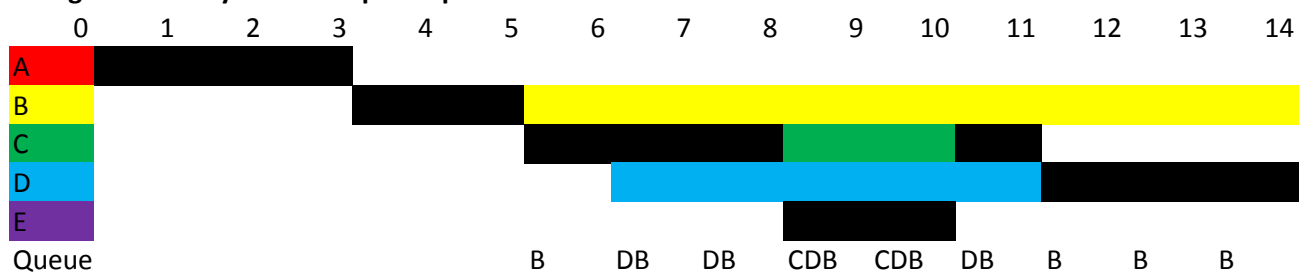turnaround time: **12,2**
respose time: **3,6**
throughput: **0,2**

6. Highest Priority First with preemption

Queue: B DB DB CDB CDB DB B B B
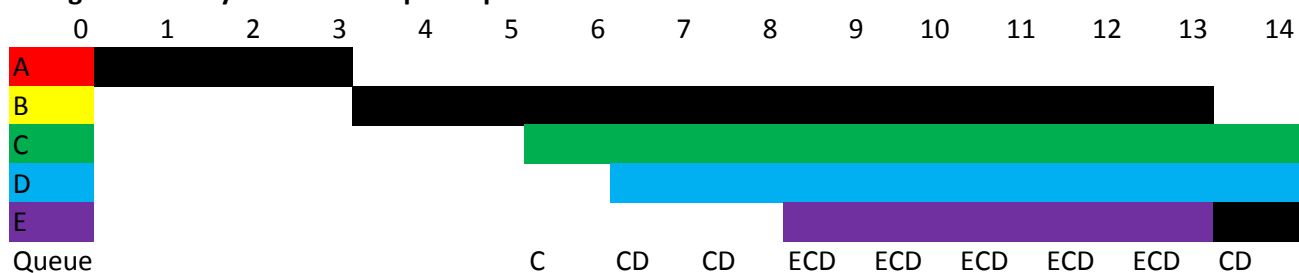
turnaround time: **8,8**
respose time: **1**
throughput: **0,2**

7. Highest Priority First without preemption

Queue: C CD CD ECD ECD ECD ECD ECD CD

turnaround time: **10,6**
respose time: **5,6**
throughput: **0,2**

response	throughput
6,8	0,2
5,6	0,2
6,4	0,2
0,4	0,2
3,6	0,2
1	0,2
5,6	0,2

15 16 17 18 19 20 21 22 23 24 25

DE   DE   DE   E   E   E   E   E   E

---

15 16 17 18 19 20 21 22 23 24 25

CD   D   D   D   D

---

15 16 17 18 19 20 21 22 23 24 25

B   B   B

---

15 16 17 18 19 20 21 22 23 24 25

BCD CD DB D B D B D B

BE ED ED ED ED DB DB B B

B B B

CD D D D D