

## Part 2

- Response time is the time between issuing a command and getting feedback.
- Throughput is the number of jobs that the system completes per hour.
- Turnaround time is the time from the moment a job is submitted to the moment it is completed.

FCFS	A	A	A	B	B	B	B	B	C	C	D	D	D	D	D	E	E	E	E	E
SJF	A	A	A	C	C	B	B	B	B	B	D	D	D	D	D	E	E	E	E	E
SRT	A	A	A	C	C	B	B	B	B	B	D	D	D	D	D	E	E	E	E	E
RR	A	B	A	B	C	A	B	C	B	D	B	D	E	D	E	D	E	D	E	E

	Process	A	B	C	D	E	
	Arrival Time	0	1	3	9	12	
	Service Time $T_s$	3	5	2	5	5	Mean
FCFS	Finish Time $T_f$	3	8	10	15	20	11.2
	Turnaround Time $T_r$	3	7	7	6	8	6.2
	$T_r / T_s$	1	1.4	3.5	1.2	1.6	1.74
SJF	Finish Time $T_f$	3	10	5	15	20	10.6
	Turnaround Time $T_r$	3	9	2	6	8	5.6
	$T_r / T_s$	1	1.8	1	1.2	1.6	1.32
SRT	Finish Time $T_f$	3	10	5	15	20	10.6
	Turnaround Time $T_r$	3	9	2	6	8	5.6
	$T_r / T_s$	1	1.8	1	1.2	1.6	1.32
RR	Finish Time $T_f$	6	11	8	18	20	12.6
	Turnaround Time $T_r$	6	10	5	9	8	7.6
	$T_r / T_s$	2	2	2.5	1.8	1.6	1.98