Thread name	CPU burst (in milliseconds)
Thread[a]	5000
Thread[b]	1000
Thread[c]	3000
Thread[d]	6000
Thread[e]	500

Round Robin (measured in milliseconds)

Thread name	Response	Turnaround	Execution
Thread[a]	2001	29005	27004
Thread[b]	3000	10002	7002
Thread[c]	4001	21003	17002
Thread[d]	5001	33004	28003
Thread[e]	6001	6502	501

Multilevel Feed Back queue (measured in milliseconds)

Thread name	Response	Turnaround	Execution
Thread[a]	498	24504	24006
Thread[b]	998	5500	4502
Thread[c]	1499	16503	15004
Thread[d]	1998	31504	29506
Thread[e]	2498	7999	5501

Round Robin vs Multi Level
(positive percents mean MFQS did better than RR)

Thread name	Response	Turnaround	Execution
Thread[a]	75.11%	15.52%	11.10%
Thread[b]	66.73%	45.01%	35.70%
Thread[c]	62.53%	21.43%	11.75%
Thread[d]	60.05%	4.54%	-5.37%
Thread[e]	58.37%	-23.02%	-90.89%

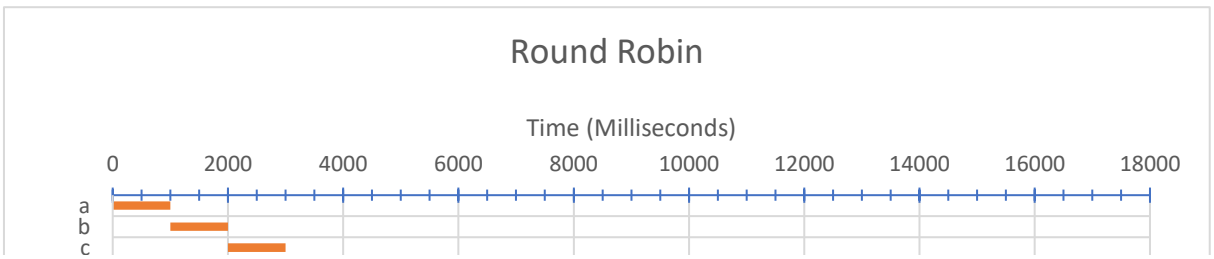
Note for durations that are 0, they are when the thread is terminated

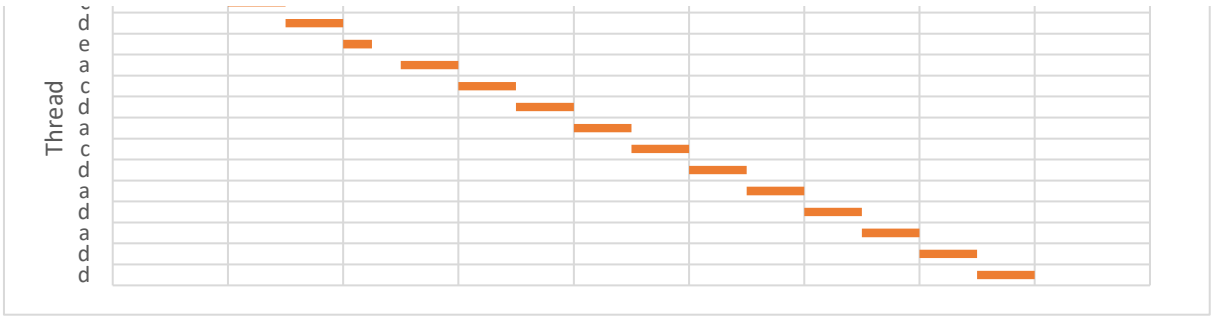
Round Robin	start	duration	end
thread	0	1000	1000
a	1000	1000	2000
b	2000	1000	3000
c	3000	1000	4000
d	4000	500	5000
e	5000	1000	6000
a	6000	1000	7000
c	7000	1000	8000
d	8000	1000	9000
a	9000	1000	10000
c	10000	1000	11000

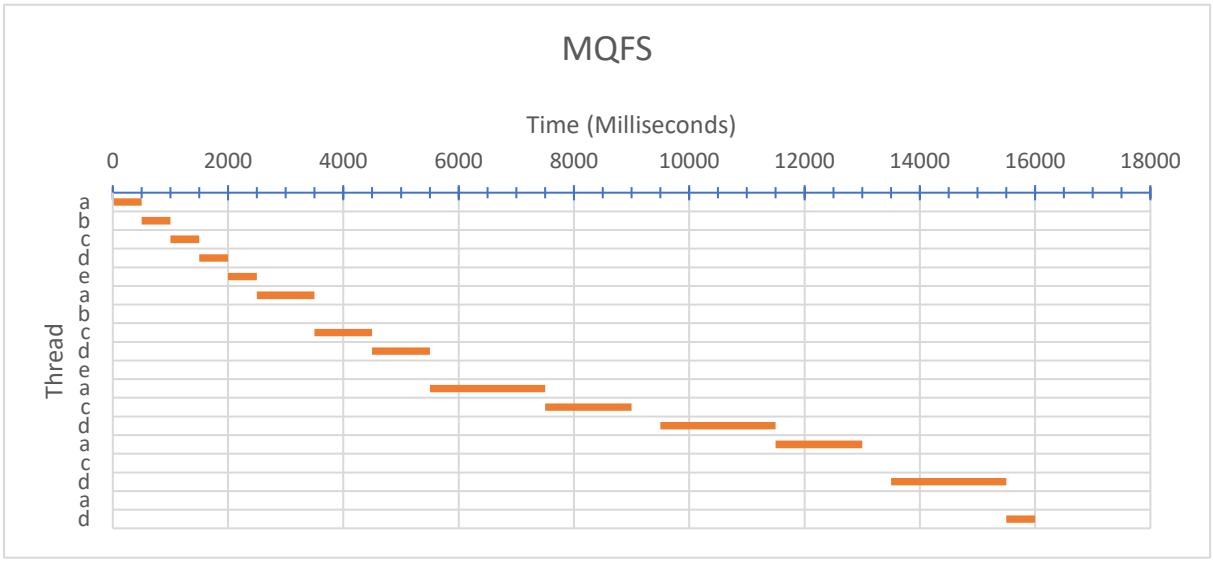
d	11000	1000	12000
a	12000	1000	13000
d	13000	1000	14000
a	14000	1000	15000
d	15000	1000	16000
d			

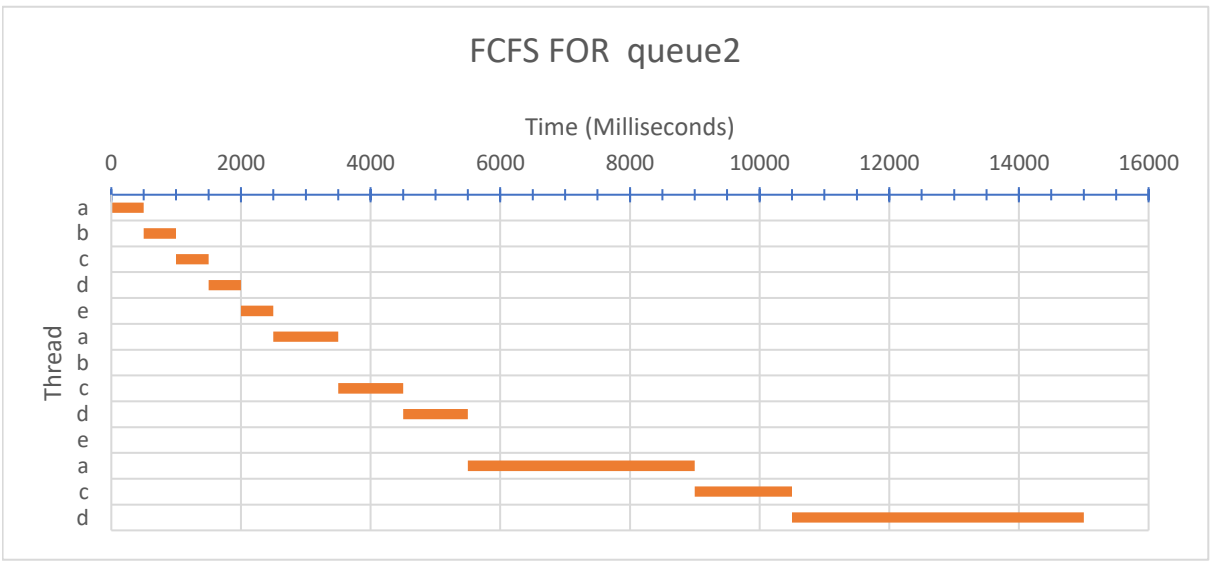
MQFS	start	duration	end
thread	0	500	500
a	500	500	1000
b	1000	500	1500
c	1500	500	2000
d	2000	500	2500
e	2500	1000	3500
a	3500	0	3500
b	3500	1000	4500
c	4500	1000	5500
d	5500	0	5500
e	5500	2000	7500
a	7500	1500	9500
c	9500	2000	11500
d	11500	1500	13500
a	13500	0	13500
c	13500	2000	15500
d	15500	0	15500
a	15500	500	17500
d			

FCFS for queue2	start	duration	end
thread	0	500	500
a	500	500	1000
b	1000	500	1500
c	1500	500	2000
d	2000	500	2500
e	2500	1000	3500
a	3500	0	3500
b	3500	1000	4500
c	4500	1000	5500
d	5500	0	5500
e	5500	3500	9000
a	9000	1500	10500
c	10500	4500	15000
d			




Thread


MQFS
Time (Milliseconds)
0
2000
4000
6000
8000
10000
12000
14000
16000
18000
Thread


FCFS FOR queue2
Time (Milliseconds)
0
2000
4000
6000
8000
10000
12000
14000
16000
Thread