

6.

Thread Order	Thread 1 Turnaround (seconds)	Thread 2 Turnaround (seconds)	Thread 3 Turnaround (seconds)	Average (seconds)
123	1	3	6	3.33
132	1	4	6	3.67
213	3	2	6	3.67
231	5	2	6	4.33
312	4	6	3	4.33
321	6	5	3	4.67

Thread order 123 has the shortest average turnaround time of ~3.33 seconds. The scheduling policy that produces this order is the rate monotonic scheduling, in which threads meet their deadlines under the assignment that shorter-processed threads are prioritized over longer-processed ones.