Scheduling: FIFO, SJF, and RR

Due Sep 24, 2019 at 11:59pm Points 9 Questions 9

Available after Sep 17, 2019 at 10:59am Time Limit None

Allowed Attempts Unlimited

This quiz is no longer available as the course has been concluded.

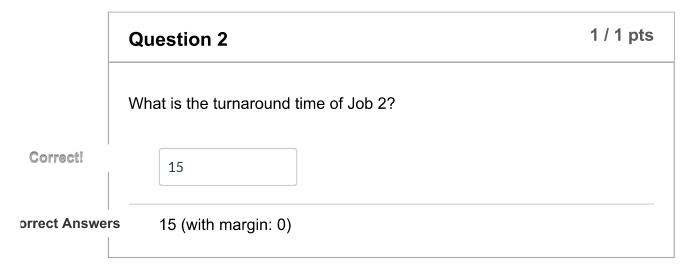
Attempt History

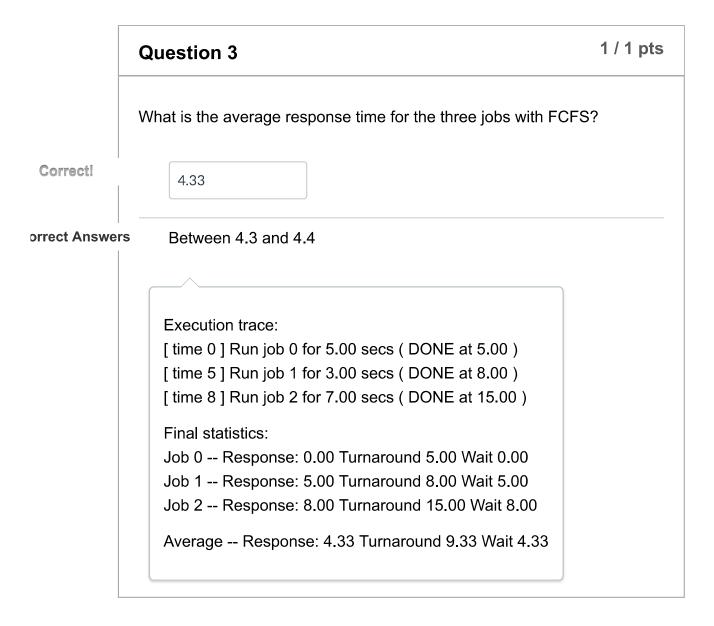
	Attempt	Time	Score	
KEPT	Attempt 2	1 minute	9 out of 9	
LATEST	Attempt 2	1 minute	9 out of 9	
	Attempt 1	9 minutes	5 out of 9	

Score for this attempt: **9** out of 9 Submitted Sep 23, 2019 at 10:45pm

This attempt took 1 minute.

	Question 1	1 / 1 pts
	Assume you have the following workload where all jobs arrive at approximately the same point in time with the specified run time: Job 0 (length = 5) Job 1 (length = 3) Job 2 (length = 7) Using an FCFS scheduler, what is the turnaround time of Job 1 3	
Correct!	8	
rrect Answei	s 8 (with margin: 0)	





Question 4 1 / 1 pts

Execution trace:

[time 0] Run job 1 for 3.00 secs (DONE at 3.00)

[time 3] Run job 0 for 5.00 secs (DONE at 8.00)

[time 8] Run job 2 for 7.00 secs (DONE at 15.00)

Final statistics:

8 (with margin: 0)

Job 1 -- Response: 0.00 Turnaround 3.00 Wait 0.00

Job 0 -- Response: 3.00 Turnaround 8.00 Wait 3.00

Job 2 -- Response: 8.00 Turnaround 15.00 Wait 8.00

Average -- Response: 3.67 Turnaround 8.67 Wait 3.67

Question 7 For the same workload of 3 jobs, assume a Round Robin scheduler uses a time-slice of 1 second. What will be the turnaround time for Job 1? Correct! 8

Question 8 What will be the turnaround time for Job 2? Correct! 15 Orrect Answers 1 / 1 pts

orrect Answers

1 / 1 pts **Question 9** What is the average response time of the 3 jobs with RR? Correct! 1 orrect Answers 1 (with margin: 0) Execution trace: [time 0] Run job 0 for 1.00 secs [time 1] Run job 1 for 1.00 secs [time 2] Run job 2 for 1.00 secs [time 3] Run job 0 for 1.00 secs [time 4] Run job 1 for 1.00 secs [time 5] Run job 2 for 1.00 secs [time 6] Run job 0 for 1.00 secs [time 7] Run job 1 for 1.00 secs (DONE at 8.00) [time 8] Run job 2 for 1.00 secs [time 9] Run job 0 for 1.00 secs [time 10] Run job 2 for 1.00 secs [time 11] Run job 0 for 1.00 secs (DONE at 12.00) [time 12] Run job 2 for 1.00 secs [time 13] Run job 2 for 1.00 secs [time 14] Run job 2 for 1.00 secs (DONE at 15.00) Final statistics: Job 0 -- Response: 0.00 Turnaround 12.00 Wait 7.00 Job 1 -- Response: 1.00 Turnaround 8.00 Wait 5.00 Job 2 -- Response: 2.00 Turnaround 15.00 Wait 8.00 Average -- Response: 1.00 Turnaround 11.67 Wait 6.67

Quiz Score: 9 out of 9