



CSCI 3753 - Godley - Operating Systems

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SECTIONS

1	Started on	Wednesday, 26 June 2019, 9:24 AM
2	State	Finished
3	Completed on	Wednesday, 26 June 2019, 10:01 AM
4	Time taken	36 mins 46 secs
5	Marks	58.00/58.00
6	Grade	10.00 out of 10.00 (100%)

Question **1**

Correct

Mark 58.00 out of 58.00

Consider four processes with the following execution parameters. The deadline specified is in reference to time=0. Ignore context switching time.

Process ID	Arrival Time	Execution Time	Deadline
P0	0	70	130
P1	15	45	345
P2	25	120	155
P3	65	80	165

Filling in the table:

- Select the processes that will run first
- Enter the starting time in ticks for that process (first process starts at 0)
- Continue for each column
- When all processes are finished, select "No Process" and enter the final end time in that column
- Use time slice = 30 ticks when necessary

FCFS

Process ID:	<div>P0</div> <div>✓</div>	<div>P1</div> <div>✓</div>	<div>P2</div> <div>✓</div>	<div>P3</div> <div>✓</div>	<div>No Process</div> <div>✓</div>
Start Time:	<div>0</div>	<div>70</div> <div>✓</div>	<div>115</div> <div>✓</div>	<div>235</div> <div>✓</div>	<div>315</div> <div>✓</div>

SJF (w/ preemption)

Process ID:	<div>P0</div> <div>✓</div>	<div>P1</div> <div>✓</div>	<div>P0</div> <div>✓</div>	<div>P3</div> <div>✓</div>	<div>P2</div> <div>✓</div>	<div>No Process</div> <div>✓</div>
Start Time:	<div>0</div>	<div>15</div> <div>✓</div>	<div>60</div> <div>✓</div>	<div>115</div> <div>✓</div>	<div>195</div> <div>✓</div>	<div>315</div> <div>✓</div>



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SECTIONS

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Data retention summary

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