Lab 9 - Quiz Results for ███████████████

Score for this quiz: **8** out of 10
Submitted Nov 12 at 6:21pm
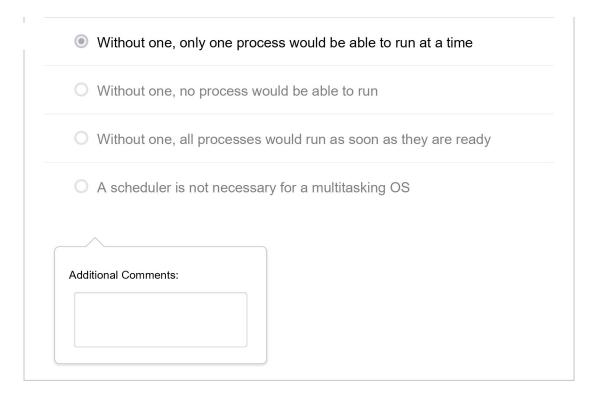This attempt took 2 minutes.

Question 1   2   / 2 pts

What OS component is responsible for determining which processes can run at a given time?

Correct!

- ⦿ The scheduler

- ○ The terminal shell

- ○ Signal handlers

- ○ System calls

Additional Comments:

Question 2   2   / 2 pts

Why is a scheduler needed for a multitasking OS?

Correct!

- ◉ Without one, only one process would be able to run at a time

- ○ Without one, no process would be able to run

- ○ Without one, all processes would run as soon as they are ready

- ○ A scheduler is not necessary for a multitasking OS

Additional Comments:

Question 3

`2` **/ 2 pts**

What structure does a scheduler use to keep track of ready processes?

Correct!

- ◉ A priority queue

- ○ A stack

- ○ A heap

- ○ An unsorted queue

Additional Comments:

Question 4

2   / 2 pts

In a priority queue, what is used to ensure the elements are ordered?

Correct!

⦿ A compare function

◯ The order in which the elements are inserted

◯ The memory size of the elements

◯ Elements are not sorted in a priority queue

Additional Comments:

Question 5

0   / 2 pts

Which of the following scheduling algorithms supports preemption?

orrect Answer

◯ RR

◯ FCFS

◯ SJF

ou Answered

⦿ PRI

Additional Comments:

Fudge Points: | -- |

You can manually adjust the score by adding positive or negative points to this box.

Final Score: 8 out of 10

Update Scores