

Lab 9 - Quiz Results for Aiden K Murphy

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Score for this quiz: **10** out of 10

Submitted Nov 13 at 10:41am

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

2 / 2 pts

Which of the following scheduling algorithms supports preemption?

Correct!

- ☒ RR
- ☐ FCFS
- ☐ SJF
- ☐ PRI

Additional Comments:

Fudge Points: --

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

Final Score: 10 out of 10[Update Scores](#)