✅ **Congratulations! You passed!**

Grade received 100%   To pass 100% or higher

[Go to next item]

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1. What term is used to describe a program with which the user is interacting and which there can only be one of at any given time?   **1 / 1 point**

   ⦿ Foreground process

   ◯ Process

   ◯ Background process

   ◯ Daemon

   > ✓ **Correct**
   > Correct! A foreground process is a program with which a user interacts at a particular time. Only one foreground process can be run at a time.

2. What is the difference between a job that is in a stopped state versus a job that is in a terminated state?   **1 / 1 point**

   ◯ A job in the terminated state is suspended. A job in the stop state has been killed.

   ◯ A job in the stopped state can take advantage of multitasking. A job in the terminated state cannot take advantage of multitasking.

   ◯ A job in the terminated state can be restarted. A job in the stopped state cannot be restarted.

   ⦿ A job in the stopped state can be restarted. A job in the terminated state cannot be restarted.

   > ✓ **Correct**
   > Correct! A job in the stopped state can be restarted; a job in the terminated state cannot be restarted.

3. You need to view the process table so you can view the PID and the terminal associated with all processes. What command should you use?   **1 / 1 point**

   ◯ pidof

   ◯ pstree

   ◯ pgrep

   ⦿ ps

   > ✓ **Correct**
   > Correct! The ps command invokes the process table. When the command is run without any option, it displays the processes run by the current shell with details such as the PID, the terminal associated with the process, the accumulated CPU time, and the command that started the process.

4. You need to kill all processes with a particular name. What command should you use?   **1 / 1 point**

   ◯ Kill *

   ◯ SIGSTOP

   ⦿ killall

○ kill

5. Which of the following nice values indicates the highest priority?

1 / 1 point

○ 10

○ 20

○ -10

◉ -20