✓ **Congratulations! You passed!**
TO PASS 80% or higher

[Keep Learning]

GRADE
100%

Process Utilization

TOTAL POINTS 5

1. Which of the following PowerShell commands will tell you which process on your system is using the most CPU resources? **1 / 1 point**

- ◉ Get-Process | Sort CPU -descending | Select -first 1 -Property ID,ProcessName,CPU
- ○ Get-Process | Sort RAM -descending | Select -first 1 -Property ID,ProcessName,CPU
- ○ cpu_usage.exe | top -1

> ✓ **Correct**
> Wohoo! That command will do the trick. It will filter the output of the Get-Process commandlet to determine the top user of the CPU resource, and give its Process ID, name, and the amount of CPU used.

2. If you have a slow computer, what are some possible culprits that could be causing this? **1 / 1 point**

- ☑ High CPU usage

> ✓ **Correct**
> You nailed it! A slow computer could be a sign of lots of things, but it's always smart to first check the utilization of your resources.

- ☑ Lots of I/O activity

> ✓ **Correct**
> You nailed it! A slow computer could be a sign of lots of things, but it's always smart to first check the utilization of your resources.

- ☑ High RAM usage

> ✓ **Correct**
> You nailed it! A slow computer could be a sign of lots of things, but it's always smart to first check the utilization of your resources.

- ☑ Too many processes running

> ✓ **Correct**
> You nailed it! A slow computer could be a sign of lots of things, but it's always smart to first check the utilization of your resources.

3. In a Linux machine, what command can you use to safely terminate a process with a PID of 342? **1 / 1 point**

- ◉ kill 342
- ○ kill -KILL 342
- ○ kill -TSTP 342
- ○ kill -CONT 342

> ✓ **Correct**
> Great work! To terminate a process safely, send the SIGTERM signal.

4. In a Linux machine, what command can you use to absolutely kill a process with a PID of 342? **1 / 1 point**

- ○ kill 342
- ◉ kill -KILL 342
- ○ kill -TSTP 342
- ○ kill -CONT 342

> ✓ **Correct**
> You got it! To kill a process, you'd use the SIGKILL signal.

5. In a Linux machine, what command can you use to suspend a process with a PID of 342? **1 / 1 point**

- ○ kill 342
- ○ kill -KILL 342
- ◉ kill -TSTP 342
- ○ kill -CONT 342

> ✓ **Correct**
> Great work! To stop or suspend a running process, you'd send the SIGTSTP signal.