

1. A Linux shell is an interface for running commands. It is also:

1 / 1 point

- ☐ An operating system.
- ☐ A user-defined algorithm.
- ☒ An interactive language.
- ☐ an error-logging script.

✓ **Correct**

Correct! A shell, which enables access to files, utilities, and applications, is also an interactive scripting language that can be used to automate tasks.

2. Which of the following commands could you use to list running processes and information about each process? Select two.

1 / 1 point

- ☐ echo
- ☒ top

✓ **Correct**

Correct! The “top” command acts like a Task Manager and will show running processes and their resource usage.

- ☒ ps

✓ **Correct**

Correct! The “ps” command is used to display the currently running processes, including the time each process has been running and other information.

- ☐ man

3. Which of the following common shell commands for navigating files and directories prints the current working directory?

1 / 1 point

- ☐ cd
- ☒ pwd
- ☐ ls
- ☐ find

✓ **Correct**

Correct! This command prints the current or present working directory.

4. The touch command is used to _____:

1 / 1 point

- ☐ copy a file or modify its executable permission.
- ☐ change the contents of an existing file or its access rights.
- ☒ create a file if it does not exist or otherwise update its "last-modified date" attribute.
- ☐ create a file if it does not exist or otherwise delete it.

✓ **Correct**

Correct. The "touch" command can be used to create empty files or update an existing file's last-modified date.

