✕ **Try again once you are ready.**

Required to pass: 80% or higher

You can retake this quiz up to 3 times every 8 hours.

Back to Week 2

Retake

✕

0 / 1 point

1. Which of the following pseudo-directories are empty when the system is not running (Select all answers that apply)?

☐ **/etc**

Un-selected is correct

☑ **/sys**

Correct
/sys contains only pseudofiles created in memory after system start.

☑ **/proc**

Correct
/proc contains only pseudofiles created in memory after system start.

☑ **/dev**

Correct
/dev contains only pseudofiles created in memory after system start.

☒ **/boot**

This should not be selected
/boot is a permanent directory held in storage on disk.

✕

0 / 1 point

2. Which of the following statements describes the best practice?

○ The current directory should not be placed in the path

◉ The current directory should be prepended to the path

This should not be selected

○ The current directory should be appended to the path

✓

1 / 1 point

3. If **file** does not exist, which command will produce an error?

○ ln -s file file2

◉ ln file file2

Correct
You cannot have a "dangling" hardlink

✕

0 / 1 point

4. Which command will list the partition information on the first hard disk and then exit?

○ fdisk -l /dev/sda

○ fdisk -l hd1

◉ fdisk /dev/sda

This should not be selected
This will put you in the interactive program where you can change the partition setup.

✓

1 / 1 point

5. Which directory trees usually have frequently changing data, and would not be desirable on a partition that is more static? Select all answers that apply.

☑ **/tmp**

Correct
/tmp is designed for temporary data.

☑ **/var**

Correct
/var is designed for variable, volatile data.

☐ **/usr**

Un-selected is correct

☐ **/bin**

Un-selected is correct

☑ **/home**

Correct
/home stores user accounts and data which will change every time the user is on the system.

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