



**Congratulations! You passed!**

TO PASS 80% or higher

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## Practice Quiz - Advanced Bash Concepts

TOTAL POINTS 5

1. Which command does the while loop initiate a task(s) after?

1 / 1 point

- ☐ while
- ☐ n=1
- ☐ done
- ☒ do



**Correct**

Awesome! Tasks to be performed are written after do.

2. Which line is correctly written to start a FOR loop with a sample.txt file?

1 / 1 point

- ☒ for file in sample.txt; do
- ☐ do sample.txt for file
- ☐ for sample.txt in file; do
- ☐ for sample.txt do in file



**Correct**

You nailed it! The contents of sample.txt are loaded into a file variable which will do any specified task.

3. Which of the following Bash lines contains the condition of taking an action when n is less than or equal to 9?

1 / 1 point

- ☒

```
1 while [ $n -le 9 ]; do
```
- ☐

```
1 while [ $n -lt 9 ]; do
```
- ☐

```
1 while [ $n -ge 9 ]; do
```
- ☐

```
1 while [ $n -ot 9 ]; do
```



**Correct**

Right on!. This line will take an action when n is less than or equal to 9.

4. Which of the following statements are true regarding Bash and Python? [Check all that apply]

1 / 1 point

- ☒ Complex scripts are better suited to Python.



**Correct**

Nice work! When a script is complex, it's better to write it in a more general scripting language, like Python.

- ☐ Bash scripts work on all platforms.

- ☒ Python can more easily operate on strings, lists, and dictionaries.



**Correct**

Awesome! Bash scripts aren't as flexible or robust as having the entire Python language available, with its many different functions to operate on strings, lists, and dictionaries.

- ☒ If a script requires testing, Python is preferable.



**Correct**

Right on! Because of the ease of testing and the fact that requiring testing implies complexity, Python is preferable for code requiring verification.

5. The \_\_\_\_ command lets us take only bits of each line using a field delimiter.

1 / 1 point

- ☒ cut
- ☐ echo
- ☐ mv
- ☐ sleep

✓ **Correct**

Excellent! The cut command lets us take only bits of each line using a field delimiter.