

1. Shell scripts are scripts that invoke a shell program. Which of the following invokes the Bourne shell program?

1 / 1 point

- ☒ `#!/bin/sh`
- ☐ `#!/bin/bash`
- ☐ `#!/bin/ksh`
- ☐ `#!/bin/zsh`

✓ **Correct**

Correct, this invokes the Bourne shell or other compatible shell program from the bin directory.

2. What is one of the advantages of shell scripts over compiled languages?

1 / 1 point

- ☒ Easier and faster to develop
- ☐ Interpreted at runtime
- ☐ Listed line by line in text files
- ☐ Interactively enter commands on command line

✓ **Correct**

Correct, scripts are generally slower to run than compiled languages, but they are also much easier and faster to develop.

3. Which symbol is used for chaining filter commands?

1 / 1 point

- ☐ plus sign +
- ☒ pipe command |
- ☐ colon :
- ☐ equals sign =

✓ **Correct**

Correct, the pipe command allows you to chain together sequences of filter commands.

4. What does chaining filters together produce?

1 / 1 point

- ☐ Modifier
- ☐ Examiner
- ☐ Multi-use script
- ☒ Pipeline

✓ **Correct**

Correct, filters are chained together to produce a pipeline.

5. What symbol do you use to define shell variables?

1 / 1 point

- ☐ greater than symbol >
- ☒ equal sign =
- ☐ dollar sign \$
- ☐ plus sign +

✓ **Correct**

Correct, use the equal sign to assign a value to your variable name.

6. Which command lists all environment variables?

1 / 1 point

- ☐ export
- ☐ gree
- ☐ grep
- ☒ env

✓ **Correct**

Correct, this command lists all environment variables

7. Which of the following is the cron job syntax?

1 / 1 point

- ☐ crontab -e
- ☐ command m h dom mon dow
- ☐ time day date command
- ☒ m h dom mon dow command

✓ **Correct**

Correct, this is the cron job syntax.

8. Scheduling cron jobs with crontab involves a series of steps. Which step opens the default text editor?

1 / 1 point

- ☐ Fourth step
- ☐ Second step
- ☐ Third step
- ☒ First step

✓ **Correct**

Correct, enter crontab -e on the command line to open the default text editor.

9. Quoting is used to specify whether the shell should interpret special characters as metacharacters, or 'escape' them. When used in conjunction with the echo command, which of the following statements is true?

1 / 1 point

- ☐ The backslash "\ " acts like a new line character.
- ☐ Double quotes are used to interpret all contents as literal characters.
- ☐ You can use the backslash "\ " to interpret a single character as a metacharacter.
- ☒ Single quotes are used to interpret all contents as literal characters.



Correct

Correct. This is a true statement.

10. I/O redirection is a set of features that redirect either the standard input or the standard output. Which symbol redirects an error message to a file?

1 / 1 point

- ☐ >>
- ☐ >
- ☒ 2>
- ☐ <



Correct

Correct, this symbol redirects an error message to a file.