14.1 Bash Shell Scripting

As you study this section, answer the following questions:

- What is the purpose of the shell declaration (the shebang)?
- How can you comment out lines in a shell script?
- Which methods can you use to run a script from the command line?
- Why might you need to use the **declare** command in a script?

In this lesson, you will learn to:

- Create a simple bash script.
- Execute and source a script.
- Use variables within a script.

Key terms for this section include the following:

Term	Definition
Shell declaration	The first line in a script that holds the path to the bash interpreter.
Comment	A line in a bash shell script that helps a script writer understand how the script is constructed, but is ignored when the script is run.
Variable	A key-value pair that maps a variable name to a value.

This section helps you prepare for the following certification exam objectives:

Exam	Objective

CompTIA Linux+	5.1 Given a scenario, deploy and execute basic BASH scripts.
	
	- Shell environments and shell variables
	  - Local
	- #!/bin/bash
	- Sourcing script
	- Commenting
	  - #