Lesson 7 Demo 3: Defining a Puppet Classes

This section will guide you to:

* Define a class and add resources

This lab has two subsections, namely:

1. Defining a Puppet class with a package resource to ensure that the system has the latest version of apache installed
2. Adding a service resource in the previously defined class to make sure that the apache service is running

**Step 1:** Defining a Puppet class with a package resource to ensure that the agent system has the latest version of apache installed

* Create a text file using the following command in the terminal:
* The above command will create a test file named file
* Paste the following code snippet in the file:
* The above code lines create a class named apache.
* Replace the above code lines using the code snippet given below:
* The above class definition creates a version parameter that accepts a string data type with default value of **latest**.
* Add the following code lines in the text file:



* The above code snippet adds a package resource in the class definition. The package resource ensures that the latest version of apache is installed on the agent system.
* Save the file by pressing **ctrl+X** and entering **Y** when prompted

**Step 2:** Adding a service resource in the previously defined class to make sure that the apache service is running

* Add the following code lines in the text file:



* The above code snippet adds a service resource in the class definition. The service resource ensures that the apache service is running on the agent system.