OS1 Lab 3.2   
Linux Command Line Review Exercises

## File Permission Exercises

In this section, you will complete exercises to create a file and modify the file’s permissions.

1. Create a new file called **text.txt** using the touch command .
2. What are the permissions of the file **text.txt**?

* answer:

Please complete the following exercises to change the permissions of the file **text.txt** using the command sequence chmod mode filename where mode is created by concatenating characters from *who*, *opcode* and *permission*. Please write the commands you used as your answer:

1. Allow the owner of the file to read, write and execute the file and deny access to everyone else.

* answer:

1. Allow the group to read and execute the file and deny access to everyone else.

* answer:

1. Allow the world to read and write to the file and grant group read access and deny the owner any access to the file.

* answer:

 Please complete the following exercises to change the permissions of the file **text.txt** using the command sequence chmod octal-mode filename where *octal-mode* is created by concatenating three digits from 0 to 7 inclusive. Please write the commands you used as your answer:

1. Allow the owner of the file to read, write and execute the file and deny access to everyone else.

* answer:

1. Allow the group to read and execute the file and deny access to everyone else.

* answer:

1. Allow the world to read and write to the file and grant group read access and deny the owner any access to the file.

* answer: