Niko Lagman

CSC-332 Lab #1 Questions

Spring 2017 - Gordonov

Additional Questions for lab #1

1. What is “shell program”?
2. How to make *shell file* executable?
3. What is the difference between creating *shell program* and regular program?
4. What is the difference between running program with and without *exec?*

1. A shell program is a written file containing instructions for the operating system to execute. These instructions are a series of shell commands.

2. The shell file must first be granted permission for execution. On Linux systems, this is done by using the chmod tool.

3. A regular program may not necessarily have administrative privileges. In comparison, a shell program can perform system administrative tasks and automate the work flow for system administrators.

4. When you run a program with exec, you run it without forking a new process. It basically takes place of the process that ran the program. Running exec b.sh in a.sh will run the b.sh file in the process that ran a.sh.

If you run the program without exec, a new process is opened for the program.