OS Simple shell

COSC 4302 Dr. Bo Sun

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**Report**

The penultimate assignment for this class was to design and implement a simple interactive shell able to run on a Linux platform. The shell is required to prompt the user for a command, parse the command, and then execute it. This proved to be a unique challenge that our team rose to greet, and conquer, with excess enthusiasm.

Our shell is written in C, and as a prerequisite, you will need access to a Linux system and a C compiler. Before attempting to run, make sure that you have downloaded all files:

* shell.c
* minishell.h
* printPrompt() [functional]

Next open the terminal. You can compile the program using one of the following commands: cc, gcc, or make. This will allow the program to properly execute. Finally, you can run the program by typing:

./shell.c

You should now be greeted by a prompt window ready to receive commands!

As of our final testing phases, we are happy to report that we have not encountered any noticeable bugs. Initially we had run into critical problems with path navigation and the prompt display, but Kalan Bonnette and Ryan Campbell were able to fix this. Our program now works and meets all assignment requirements