Kayvaun Khoshkhou Git ID: kayvaunSF

920357344 CSC415-03 Fall 2021

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**Assignment 3 - Simple Shell**

**Description:**

This program is a simple shell terminal that takes in commands that I defined and operates the shell commands correctly.

**Approach:**

In order to go about approaching this project, I took time to simply think about what are some of the most common uses I use a shell terminal for. To navigate the folders of my PC, so the commands I opted towards using reflect what I have commonly seen or used in the past. I didn’t want to make the library of commands too large, so I set the max number of arguments to be 6. I then created a while loop to have the user stay within the shell even after completing inputs that were valid or invalid. I opted to insert an exit path if the user entered “exit” to escape the program loop. And if anything invalid was entered the program would print an error message.

**Issues:**

I did not face any major issues with this assignment besides finding a way to get started. Starting a project from scratch has always been very difficult for me, and my current life schedule is very limiting, I had to sacrifice a lot of personal time to complete the assignment correctly even though the submission is late.

**Analysis:**

Analyzing what was completed I feel I hit many of the points right on the head and completed this project successfully. I’m very proud of the work but I’m ready to receive any critical criticism to further improve my understanding and future assignments.

**Screenshots of Compilation:**



