CSCI 485: Custom Shell

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Design Decisions

We used a parameter array to hold all the data because the command has to be the first parameter when using execvp.

Difficulties

Getting scanf to work properly was a pain since scanf reads until the newline character and you need a get to grab the newline character so that the next scanf will work. We were having a lot of issues with memory management. Pointers were a nightmare to get them working the way we wanted them to work.

Additional Commands

We implemented the ability to use any command in "/usr/bin/".

What Each Person Did

We used liveshare so that we could see each other's modifications to the code live so that it would be easier to work together on the code. We decided not to split the work by assigning functions to ourselves but instead to work alongside each other so that we both knew exactly what was going on for the program.