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CprE 308 – Project 1 Report

Project 1

By doing this project I learned a lot about the intricacies of designing a functional shell. I learned about the importance of the parameters `int argc` and `char* argv[]` to enable my program to contain and process command line arguments. Stemming from this I learned how to set up various conditional statements to capture commands that the user inputted into the shell and process said commands, also how to make a conditional to check the command line for a `&` which would then indicate that the program to be executed must run in the background. This assignment also taught me about child and parent processes, and although I am not entirely sure that my code concerning the child processes is fully functional, I still learned quite a bit about the whole thing. This was a pretty cool assignment because now I can say I created my own shell program!