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CSC345-01
Project 1

Implemented Requirements:

1. Child process creation: successfully able to fork a child and run `execvp()` from created child
2. Command history management: when user input is “`!!`”, shell will echo previous command and execute it. If no previous command, shell will print “No recent commands in history”.
3. I/O redirection support: commands can take input from a text file with “`<`”, and can output to a text file with “`>`”.
4. Change directory w/ `cd` command: can change to any directory accessible from user terminal w/ `cd`, verifiable w/ `pwd`.
5. Parent-Child Pipe communication: commands will successfully pass inputs and outputs through pipe when using “`|`” character.