

Documentation of myshell.c and closh.c

myshell.c

1. myshell.c is the c program for shell. All commands have been implemented by basically forking a process and then using `execve` to execute the command. eg: `ls`, `cat`, `pwd` are commands having executables and thus executed by `execve`.
2. I've used `execve` because it finds the path of the file by searching it in the `PATH` environment variable without me giving the explicit path for each command.
3. Since `cd` isn't an executable, it can't be executed using `execve`. Thus, it has been implemented by `chdir`.

Work Completed in myshell.c

1. This shell can be used with all commands having executables in the `PATH` variable and with only one non executable command `cd`.
2. `Exit` has been implemented.
3. The redirection operator `>` has been implemented.
4. History feature along with completion feature has been implemented using library function `readline` in C.

closh.c

1. `closh.c` is the c program for cloneshell. It basically clones every command at the terminal by a fixed number of times as given by the user.
2. The mechanism is to fork the inputted number of processes from a single parent process and in each, call `execve` for the particular program to be repeated.

Work Completed in closh.c

All features of `myshell.c` have been implemented in `closh.c`. Modified the code a little to take into account multiple children of the same parent.