```
[dharamsiss@compile pr3]$ gcc -pthread csapp.c shellex.c -o sh257
[[dharamsiss@compile pr3]$ ./sh257
[sh257> date
[Wed Dec  7 17:55:11 EST 2022
Process exited with status code 0
sh257> echo Sohum Dharamsi
[Sohum Dharamsi
Process exited with status code 0
sh257> ls -1
[csapp.c
csapp.h
Makefile - p3
sh257
shellex.c
Process exited with status code 0
sh257> ps w
[   PID TTY       STAT    TIME COMMAND
 56094 pts/48    Ss      0:00 -bash
 56651 pts/48    S+      0:00 ./sh257
 56793 pts/48    R+      0:00 ps w
Process exited with status code 0
sh257> pid
[56651
sh257> ppid
[56094
sh257> cd ..
[sh257> ls -1
[cmsc257-s22-p2
 lab9
 p1
 p2
 perl5
 pr3
 TEST
Process exited with status code 0
sh257> cd pr3
[sh257> ls -1
[csapp.c
csapp.h
Makefile - p3
sh257
shellex.c
Process exited with status code 0
```

```
sh257> help
[*********************************************************************
A Custom Shell for CMSC 257
    - Sohum Dharamsi
Usage:
    - You can change prompt by doing ./sh257 -p <newprompt>
*********************************************************************
BUILTIN COMMANDS:
    - exit: exits the shell
    - pid: prints the process id of the shell
    - ppid: prints the parent process id of the shell
    - help:
        - prints developer name for shell
        - prints usage information (how to change shell prompt, maybe list of built-in commands)
    - cd: prints the current working directory ("cd <path>" will change the current working directory)
SYSTEM COMMANDS:
    - Use man pages to get help for system commands
sh257> bogus
Execution failed (in fork)
bogus: Command not found.
[Process exited with status code 1
sh257> ^C
sh257> exit
Terminated
[[dharamsiss@compile pr3]$ ./sh257 -p dharamsish
[dharamsish> exit
Terminated
[[dharamsiss@compile pr3]$ ▊
```