Sample Run:

```
[mcclearyke@compile pr3]$ make
gcc -c -g -Wall csapp.c -o csapp.o
gcc -c -g -Wall shellex.c -o shellex.o
gcc -pthread csapp.o shellex.o -o my257sh
[mcclearyke@compile pr3]$ ./my257sh
my257sh> ls -l
total 172
-rw-rw----. 1 mcclearyke mcclearyke 24035 Nov 20 05:08 csapp.c
-rw-rw----. 1 mcclearyke mcclearyke  6621 Nov 20 00:58 csapp.h
-rw-rw----. 1 mcclearyke mcclearyke 55656 Nov 21 08:01 csapp.o
-rw-rw----. 1 mcclearyke mcclearyke   333 Nov 20 00:54 Makefile
-rwxrwx---. 1 mcclearyke mcclearyke 54824 Nov 21 08:01 my257sh
-rw-rw----. 1 mcclearyke mcclearyke  5492 Nov 21 07:59 shellex.c
-rw-rw----. 1 mcclearyke mcclearyke 12920 Nov 21 08:01 shellex.o
CHILD EXIT STATUS: 0
my257sh> ps w
  PID TTY      STAT   TIME COMMAND
 5606 pts/3    S+     0:00 ./my257sh
 5634 pts/3    R+     0:00 ps w
14171 pts/3    Ss     0:00 -bash
CHILD EXIT STATUS: 0
my257sh> pid
5606
my257sh> ppid
14171
my257sh> cd ..
my257sh> ls -l
total 108
drwxr-x---. 2 mcclearyke mcclearyke 4096 Aug 25 15:39 arrays
-rw-rw----. 1 mcclearyke mcclearyke 4950 Aug 25 15:39 arraystar.tgz
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 conditionals
drwxr-x---. 2 mcclearyke mcclearyke 4096 Aug 25 15:38 Extract
drwxr-x---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 functions
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 general_IO
drwxrwx---. 2 mcclearyke mcclearyke 4096 Nov  2 15:25 hw6
drwxrwx---. 2 mcclearyke mcclearyke 4096 Nov 18 14:56 lab10
drwxrwx---. 2 mcclearyke mcclearyke 4096 Sep  8 19:20 lab2
drwxrwx---. 2 mcclearyke mcclearyke 4096 Sep 15 20:13 lab3
drwxrwx---. 2 mcclearyke mcclearyke 4096 Sep 23 11:54 lab4
drwxrwx---. 2 mcclearyke mcclearyke 4096 Sep 29 19:13 lab5
drwxrwx---. 2 mcclearyke mcclearyke 4096 Oct 10 15:18 lab6
drwxrwx---. 2 mcclearyke mcclearyke 4096 Oct 24 12:23 lab7
drwxrwx---. 2 mcclearyke mcclearyke 4096 Oct 21 15:38 lab8
drwxrwx---. 4 mcclearyke mcclearyke 4096 Nov  7 13:24 lab9
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 loops
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 misc
drwxrwx---. 2 mcclearyke mcclearyke 4096 Oct 22 02:27 p1
drwxrwx---. 2 mcclearyke mcclearyke 4096 Oct 27 14:25 p2
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 pointers
drwxrwx---. 2 mcclearyke mcclearyke 4096 Nov 21 08:01 pr3
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 rel_opr
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 stand_C_Lib
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 strings
drwxrwx---. 2 mcclearyke mcclearyke 4096 Aug 25 11:57 structures
CHILD EXIT STATUS: 0
```

```
my257sh> cd pr3
my257sh> ls -l
total 172
-rw-rw----. 1 mcclearyke mcclearyke 24035 Nov 20 05:08 csapp.c
-rw-rw----. 1 mcclearyke mcclearyke  6621 Nov 20 00:58 csapp.h
-rw-rw----. 1 mcclearyke mcclearyke 55656 Nov 21 08:01 csapp.o
-rw-rw----. 1 mcclearyke mcclearyke   333 Nov 20 00:54 Makefile
-rwxrwx---. 1 mcclearyke mcclearyke 54824 Nov 21 08:01 my257sh
-rw-rw----. 1 mcclearyke mcclearyke  5492 Nov 21 07:59 shellex.c
-rw-rw----. 1 mcclearyke mcclearyke 12920 Nov 21 08:01 shellex.o
CHILD EXIT STATUS: 0
my257sh> help

DEVELOPER
    mcclearyke is the developer of this shell

USAGE INFORMATION
    To Change Shell Prompt:
            <executable> -p      <prompt>
        Ex: ./my257sh   -p enternewprompthere
    List of Built-In Commands:
            exit: Exits the shell
            pid: Prints the process id
            ppid: Prints the parent process id
            cd: Prints current working directory
            cd <path>: Changes the current working directory

NOT LOOKING FOR BUILT-IN COMMANDS?
    REFER to man to get information on the non-built-in commands you seek

my257sh> bogus
Execution failed
bogus: Command not found.
CHILD EXIT STATUS: 1
my257sh> ^C
Please use the exit command to leave the program, press enter to continue
my257sh> exit
Terminated
[mcclearyke@compile pr3]$ █
```

Changing the Prompt:

```
[mcclearyke@compile pr3]$ ./my257sh -p mcclearykeshell
mcclearykeshell> cd
/home/mcclearyke/pr3
mcclearykeshell> █
```