```
sh257> date
Sat Dec 10 23:04:40 EST 2022
Process exited with status code 0
sh257> echo Feyza Sakin
Feyza Sakin
Process exited with status code 0
sh257> ls -l
total 104
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 bog
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 ^C
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 cd
-rw-------. 1 sakinf sakinf 22701 Dec  8 13:15 csapp.c
-rw-------. 1 sakinf sakinf  6573 Dec  8 13:15 csapp.h
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 date
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 echo
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 exit
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 help
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 ls
-rw-------. 1 sakinf sakinf   127 Dec  8 19:52 Makefile
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 man
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 pid
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 ppid
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 ps
-rw-------. 1 sakinf sakinf   742 Dec  9 21:06 questions
-rwx------. 1 sakinf sakinf 54560 Dec 10 23:04 sh257
-rw-------. 1 sakinf sakinf  5546 Dec 10 22:57 shellex.c
-rw-------. 1 sakinf sakinf     0 Dec 10 23:03 vim
Process exited with status code 0
sh257> ps w
   PID TTY          STAT   TIME COMMAND
 50568 pts/90       Ss     0:00 -bash
 50693 pts/90       S+     0:00 ./sh257
 50957 pts/90       R+     0:00 ps w
113278 pts/48       Ss+    0:00 -bash
Process exited with status code 0
sh257> pid
50693
sh257> ppid
50568
sh257> cd ..
```

```
sh257> ls -l
total 68
drwx------. 2 sakinf sakinf     34 Nov 12 11:58 copyPro2
drwx------. 2 sakinf sakinf    108 Dec  9 23:04 extralab
-rwx------. 1 sakinf sakinf   8360 Sep  1 11:24 hello
-rw-------. 1 sakinf sakinf     81 Sep  1 11:22 hello.c
drwx------. 2 sakinf sakinf     66 Sep 18 23:07 HW3
drwx------. 2 sakinf sakinf     89 Oct 31 23:59 hw5
drwx------. 2 sakinf sakinf     75 Nov 28 20:25 hw6
drwx------. 3 sakinf sakinf     27 Nov 30 15:10 lab10
drwx------. 2 sakinf sakinf     97 Sep 18 23:00 lab2
drwx------. 2 sakinf sakinf     97 Nov  8 15:45 lab3
drwx------. 2 sakinf sakinf     69 Nov 11 20:22 lab4
drwx------. 2 sakinf sakinf     70 Oct  7 17:54 lab4a
drwx------. 2 sakinf sakinf     51 Nov  6 21:19 lab5
drwx------. 2 sakinf sakinf     90 Oct 31 14:19 lab6
drwx------. 2 sakinf sakinf     44 Nov 12 18:26 lab7
drwx------. 2 sakinf sakinf    140 Nov  3 18:38 lab8
drwx------. 4 sakinf sakinf    114 Nov 16 14:54 lab9
drwx------. 2 sakinf sakinf     86 Nov  8 15:06 Notes
drwx------. 4 sakinf sakinf    174 Dec 10 22:24 p1
drwx------. 2 sakinf sakinf     10 Aug 29 20:45 perl5
drwx------. 2 sakinf sakinf   4096 Dec 10 23:04 pr3
drwx------. 2 sakinf sakinf    172 Dec 10 22:18 Pro2
drwx------. 2 sakinf sakinf     54 Oct  7 17:33 Project1Tes
drwx------. 2 sakinf sakinf     56 Nov  8 15:50 project2
-rw-------. 1 sakinf sakinf   2337 Sep  1 11:31 q
-rw-------. 1 sakinf sakinf   2337 Sep  1 11:34 seq(1)
-rw-------. 1 sakinf sakinf    515 Sep 12 20:55 TEST
-rw-------. 1 sakinf sakinf  33257 Sep 12 23:07 vimrc
Process exited with status code 0
sh257> cd pr3
sh257> ls -l
total 104
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 bog
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 ^C
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 cd
-rw-------. 1 sakinf sakinf  22701 Dec  8 13:15 csapp.c
-rw-------. 1 sakinf sakinf   6573 Dec  8 13:15 csapp.h
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 date
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 echo
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 exit
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 help
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 ls
-rw-------. 1 sakinf sakinf    127 Dec  8 19:52 Makefile
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 man
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 pid
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 ppid
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 ps
-rw-------. 1 sakinf sakinf    742 Dec  9 21:06 questions
-rwx------. 1 sakinf sakinf  54560 Dec 10 23:04 sh257
-rw-------. 1 sakinf sakinf   5546 Dec 10 22:57 shellex.c
-rw-------. 1 sakinf sakinf      0 Dec 10 23:03 vim
Process exited with status code 0
```

```
sh257> help
*********************************************************************

A Custom Shell for CMSC 257
        - Feyza Sakin
Usage:
        - './sh257 -p <new_prompt>' To change the prompt
*********************************************************************

BULLETIN COMMANDS:
        - 'exit'        exit the shell
        - 'pid'         print the shell's process ID
        - 'ppid'        print the shell's parent process ID
        - 'help'        print the shell's developer name
                        print the usage information (including changing shell prompt and the
list of built-in commands)
                        how to look for non-built-in commands

        - 'cd'          print the current working directory
        - 'cd <path>'   change the directory to the path
SYSTEM COMMANDS:
        - Try 'man' pages for non-built-in commands

sh257> bogus
Execution failed (in fork)
bogus: Command not found.
Process exited with status code 1
sh257> ^C
sh257> exit
Terminated
[sakinf@compile pr3]$ ./sh257 -p sonmezsh
sonmezsh> exit
Terminated
[sakinf@compile pr3]$ █
```