

date:

```
./sh257
sh257> date
Thu Apr 28 15:58:54 EDT 2022
Exit status of child process 123071: 0
sh257> █
```

echo colin graham:

```
sh257> echo Colin Graham
Colin Graham
Exit status of child process 123411: 0
sh257> █
```

ls -l:

```
sh257> ls -l
total 84
-rw-----. 1 grahamc3 grahamc3 23874 Apr 27 20:21 csapp.c
-rw-----. 1 grahamc3 grahamc3  6621 Apr 27 20:20 csapp.h
-rw-----. 1 grahamc3 grahamc3    81 Apr 27 21:50 Makefile
-rwx-----. 1 grahamc3 grahamc3 37072 Apr 28 15:58 sh257
-rw-----. 1 grahamc3 grahamc3  5569 Apr 28 14:23 shellex.c
Exit status of child process 123523: 0
sh257> █
```

ps w:

```
sh257> ps w
  PID TTY          STAT       TIME COMMAND
 56213 pts/11        Ss          0:00 -bash
 56346 pts/11        S+          0:00 ./sh257
116848 pts/37        Ss          0:00 -bash
122974 pts/37        S+          0:00 make run
122975 pts/37        S+          0:00 ./sh257
123680 pts/37        R+          0:00 ps w
Exit status of child process 123680: 0
sh257> █
```

pid:

```
sh257> pid
Process id is 122975
sh257> █
```

ppid:

```
sh257> ppid  
Parent process id is 122974
```

cd ..:

```
sh257> cd ..  
Sucessfully changed directory to ..  
Exit status of child process 124776: 0
```

ls -l:

```
sh257> ls -l  
total 8  
drwx-----. 2 grahamc3 grahamc3 113 Mar 11 16:17 hw5  
drwx-----. 2 grahamc3 grahamc3 168 Apr 23 14:42 lab10  
drwx-----. 2 grahamc3 grahamc3 4096 Feb 13 11:09 lab2  
drwx-----. 2 grahamc3 grahamc3 121 Feb 20 11:43 lab3  
drwx-----. 2 grahamc3 grahamc3 75 Feb 26 09:23 lab4  
drwx-----. 2 grahamc3 grahamc3 10 Feb 20 11:09 lab4.c  
drwx-----. 2 grahamc3 grahamc3 51 Mar 2 11:32 lab5  
drwx-----. 2 grahamc3 grahamc3 64 Mar 15 18:17 lab6  
drwx-----. 2 grahamc3 grahamc3 61 Mar 31 22:04 lab7  
drwx-----. 2 grahamc3 grahamc3 122 Mar 31 21:48 lab8  
drwx-----. 4 grahamc3 grahamc3 53 Apr 10 18:26 lab9  
drwx-----. 3 grahamc3 grahamc3 29 Jan 30 11:26 Mydir  
drwxr-xr-x. 2 grahamc3 grahamc3 10 Jan 30 12:16 newdir  
drwx-----. 2 grahamc3 grahamc3 172 Mar 31 21:47 p1  
drwx-----. 2 grahamc3 grahamc3 132 Apr 27 11:32 p2  
drwx-----. 2 grahamc3 grahamc3 10 Apr 22 11:08 p3  
drwx-----. 2 grahamc3 grahamc3 10 Jan 22 14:42 perl5  
drwx-----. 2 grahamc3 grahamc3 106 Apr 28 15:58 pr3  
Exit status of child process 124844: 0
```

cd pr3:

```
sh257> cd pr3  
Sucessfully changed directory to pr3  
/usr/bin/cd: line 2: cd: pr3: No such file or directory  
Exit status of child process 61632: 1
```

ls -l:

```
sh257> ls -l
total 84
-rw-----. 1 grahamc3 grahamc3 23874 Apr 27 20:21 csapp.c
-rw-----. 1 grahamc3 grahamc3  6621 Apr 27 20:20 csapp.h
-rw-----. 1 grahamc3 grahamc3    81 Apr 27 21:50 Makefile
-rwx-----. 1 grahamc3 grahamc3 37072 Apr 28 15:58 sh257
-rw-----. 1 grahamc3 grahamc3  5569 Apr 28 14:23 shellex.c
Exit status of child process 125024: 0
```

help:

```
sh257> help
The developer's name is Colin Graham.
To change the shell name, use 'shellex -p <prompt>'
The built in commands are exit, pid, ppid, help, and cd.
Please refer to man if further assistance is needed with other commands.
```

bogus:

```
sh257> bogus
bogus: Command not found.
Exit status of child process 125174: 0
```

ctrl c:

```
sh257> ^C
Caught SIGINT
```

./sh257 -p sonmezsh

```
[grahamc3@compile pr3]$ ./sh257 -p sonmezsh
sonmezsh>
```