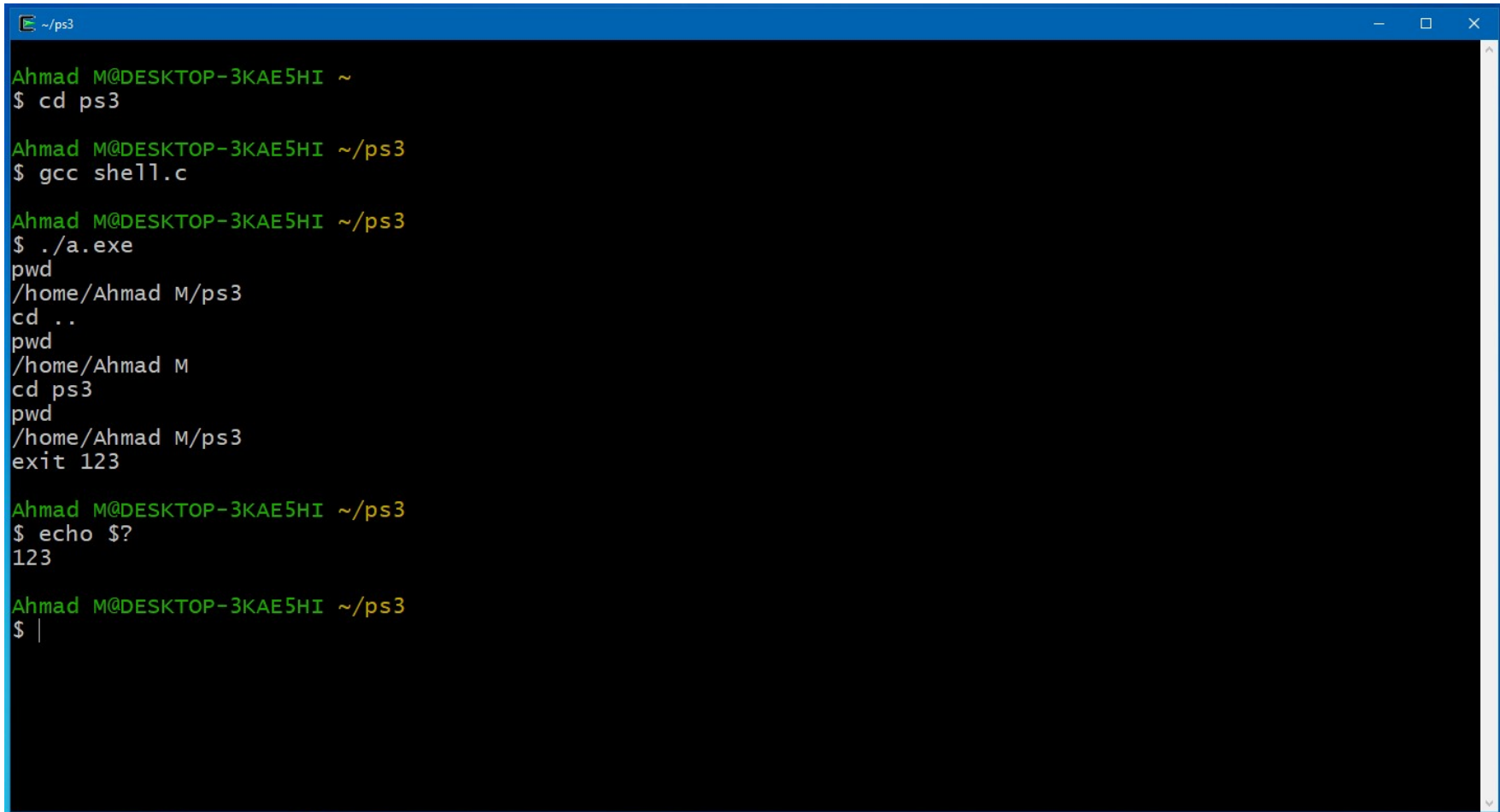


## Testing basic three commands

A terminal window with a blue title bar and a black background. The window title is '~ / ps3'. The terminal shows a series of commands and their outputs. The prompt is 'Ahmad M@DESKTOP-3KAE5HI ~'. The commands are: 'cd ps3', 'gcc shell.c', './a.exe', 'pwd', 'cd ..', 'pwd', 'cd ps3', 'pwd', 'exit 123', 'echo \$?', and a partial command 'echo \$?'. The outputs are: '/home/Ahmad M/ps3', '/home/Ahmad M', and '123'.

```
~/ps3
Ahmad M@DESKTOP-3KAE5HI ~
$ cd ps3

Ahmad M@DESKTOP-3KAE5HI ~/ps3
$ gcc shell.c

Ahmad M@DESKTOP-3KAE5HI ~/ps3
$ ./a.exe
pwd
/home/Ahmad M/ps3
cd ..
pwd
/home/Ahmad M
cd ps3
pwd
/home/Ahmad M/ps3
exit 123

Ahmad M@DESKTOP-3KAE5HI ~/ps3
$ echo $?
123

Ahmad M@DESKTOP-3KAE5HI ~/ps3
$ echo $?
```

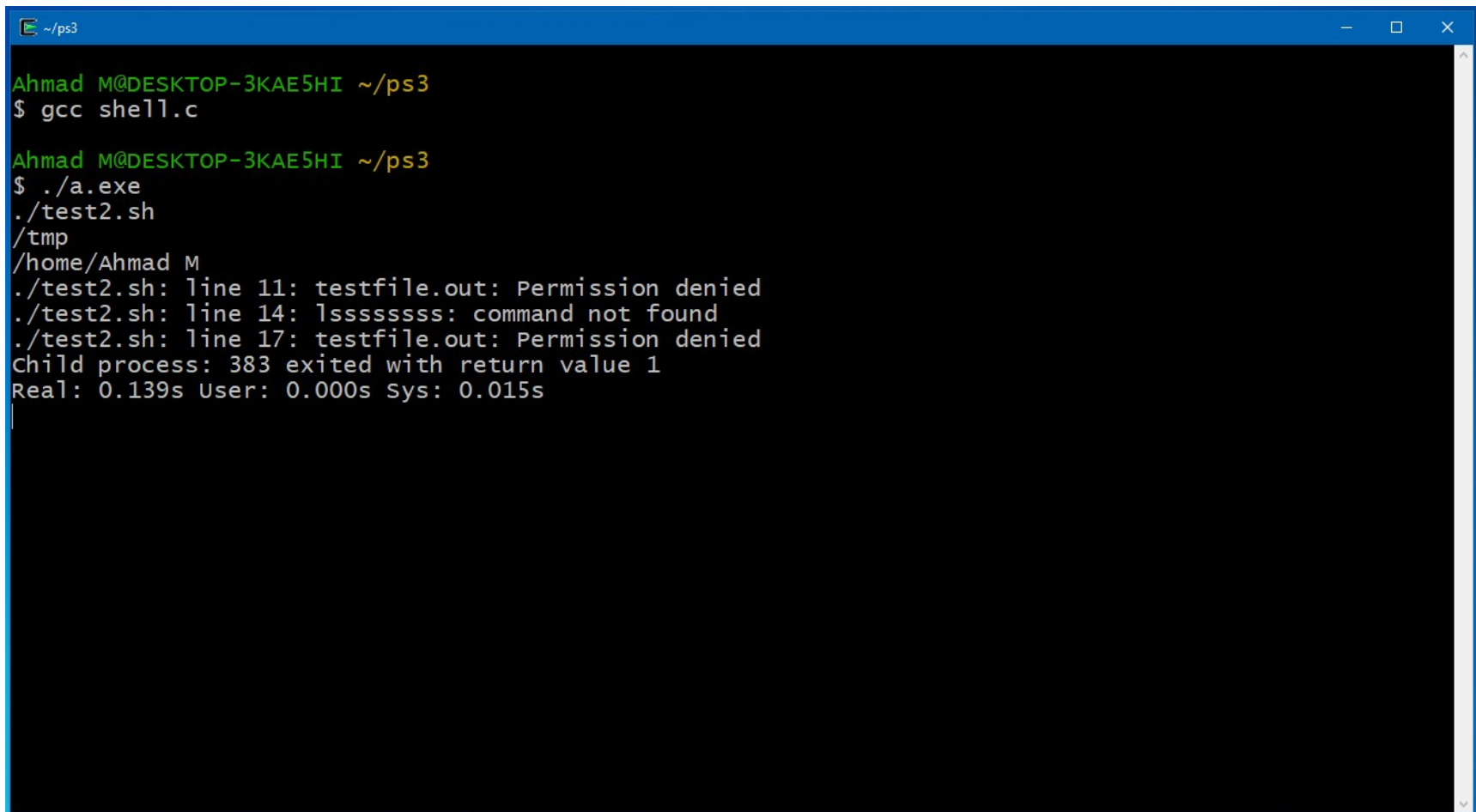
## Test 1

```
~/ps3
Ahmad M@DESKTOP-3KAE5HI ~
$ cd ps3

Ahmad M@DESKTOP-3KAE5HI ~/ps3
$ gcc shell.c

Ahmad M@DESKTOP-3KAE5HI ~/ps3
$ ./a.exe
./test1.sh
total 88
-rwxrwxr-x+ 1 Ahmad M None 77073 Oct 24 07:11 a.exe
-rwxrwxr-x+ 1 Ahmad M None 7940 Oct 24 07:01 shell.c
-rwxrwxr-x+ 1 Ahmad M None 309 Oct 23 01:20 test1.sh
-rwxrwxr-x+ 1 Ahmad M None 637 Oct 23 01:20 test2.sh
-rw-rw-r--+ 1 Ahmad M None 18 Oct 24 07:12 testfile.out
-rw-rw-r--+ 1 Ahmad M None 18 Oct 24 07:12 testfile2.out
Child process: 372 exited with return value 17
Real: 0.161s User: 0.000s Sys: 0.015s
```

Test2.sh



```
~/ps3
Ahmad M@DESKTOP-3KAE5HI ~/ps3
$ gcc shell.c

Ahmad M@DESKTOP-3KAE5HI ~/ps3
$ ./a.exe
./test2.sh
/tmp
/home/Ahmad M
./test2.sh: line 11: testfile.out: Permission denied
./test2.sh: line 14: lssssssss: command not found
./test2.sh: line 17: testfile.out: Permission denied
Child process: 383 exited with return value 1
Real: 0.139s User: 0.000s Sys: 0.015s
```