

```
emertxe@emertxe-VirtualBox: ~/$ ls
Desktop  Downloads  Music      my_scripts.zip  Public  Sources  Videos
Documents minishell  my_scripts Pictures        snap    Templates

emertxe@emertxe-VirtualBox:~$ cd minishell
emertxe@emertxe-VirtualBox:~/minishell$ ls
abc      check_command.c  execute_internal_commands.c  extract_external_command.c  main.c  scan_input.c
a.out    echo.c           external_commands.txt        get_command.c               main.h   signal_handler.c

emertxe@emertxe-VirtualBox:~/minishell$ gcc *.c
emertxe@emertxe-VirtualBox:~/minishell$ ./a.out
```

```
[minishell]$PS1= shell
PS1= shell : Command not found
[minishell]$PS1 =shell
PS1 =shell : Command not found
[minishell]$PS1=shell
[shell]$
```

```
[minishell]$ls
abc      check_command.c  execute_internal_commands.c  extract_external_command.c  main.c  scan_input.c
a.out    echo.c           external_commands.txt        get_command.c               main.h   signal_handler.c
Chil wih PID: 5131 terminated normally
[minishell]$ls -l
total 64
drwxrwxr-x 2 emertxe emertxe 4096 Apr  3 22:12 abc
-rwxrwxr-x 1 emertxe emertxe 17584 Apr  3 22:33 a.out
-rw-rw-r-- 1 emertxe emertxe 1034 Apr  3 21:32 check_command.c
-rw-rw-r-- 1 emertxe emertxe  529 Apr  3 21:59 echo.c
-rw-rw-r-- 1 emertxe emertxe  643 Apr  3 22:09 execute_internal_commands.c
-rw-rw-r-- 1 emertxe emertxe  810 Jan  6 15:19 external_commands.txt
-rw-rw-r-- 1 emertxe emertxe  779 Apr  3 21:29 extract_external_command.c
-rw-rw-r-- 1 emertxe emertxe  514 Apr  3 21:30 get_command.c
-rw-rw-r-- 1 emertxe emertxe  284 Apr  3 21:04 main.c
-rw-rw-r-- 1 emertxe emertxe  989 Apr  3 21:02 main.h
-rw-rw-r-- 1 emertxe emertxe 1994 Apr  3 22:20 scan_input.c
-rw-rw-r-- 1 emertxe emertxe  153 Apr  3 22:24 signal_handler.c
Chil wih PID: 5139 terminated normally
[minishell]$ls | wc
  12   12   168
Chil wih PID: 5142 terminated normally
[minishell]$
```

```
emertxe@emertxe-VirtualBox: ~/minishell
[minishell]$ls
abc      check_command.c  execute_internal_commands.c  extract_external_command.c  main.c  scan_input.c
a.out    echo.c           external_commands.txt        get_command.c               main.h   signal_handler.c
Chil wih PID: 5250 terminated normally
[minishell]$echo $?
0
[minishell]$echo $$
5223
[minishell]$echo $SHELL
/home/emertxe/minishell
[minishell]$
```

```
emertxe@emertxe-VirtualBox: ~/minishell
[minishell]$ls
abc      check_command.c  execute_internal_commands.c  extract_external_command.c  main.c  scan_input.c
a.out    echo.c           external_commands.txt        get_command.c               main.h   signal_handler.c
Chil wih PID: 5484 terminated normally
[minishell]$lssss
lssss : Command not found
[minishell]$pwd
/home/emertxe/minishell
[minishell]$mkdir xyz
Chil wih PID: 5488 terminated normally
[minishell]$cd xyz
[minishell]$pwd
/home/emertxe/minishell/xyz
[minishell]$exit
emertxe@emertxe-VirtualBox: ~/minishell$
```

```
emertxe@emertxe-VirtualBox: ~/minishell
[minishell]$ls
abc      check_command.c  execute_internal_commands.c  extract_external_command.c  main.c  scan_input.c  xyz
a.out    echo.c           external_commands.txt        get_command.c               main.h   signal_handler.c
Chil wih PID: 5525 terminated normally
[minishell]$sleep 5
Chil wih PID: 5531 terminated normally
[minishell]$sleep 100
^CChild with pid : 5534 terminated by a signal
Sig# : 9
[minishell]$sleep 100
^Z
[3]+  Stopped                  ./a.out
emertxe@emertxe-VirtualBox: ~/minishell$
```