

## Linux Terminal Commands in C

### EXIT Command

```
rnaveed@rnaveed:~/os/hassham_090$ ./terminal
@fa21-bcs-090>EXIT
rnaveed@rnaveed:~/os/hassham_090$
```

### CP Command

```
@fa21-bcs-090>ls
Q2.c Q1.c Q1 q.c terminal.c fa21-bcs-090.c terminal file2.txt hassham.txt q Q2 file1.txt
@fa21-bcs-090>cp file1.txt file2.txt
File file2.txt already exists. Overwrite? (y/N): y
@fa21-bcs-090>@fa21-bcs-090>cat file1.txt
sample data for file
kdjjs
idjkws
@fa21-bcs-090>cat file2.txt
sample data for file
kdjjs
idjkws
@fa21-bcs-090>EXIT
rnaveed@rnaveed:~/os/hassham_090$
```

### KILL Command

```
rnaveed@rnaveed:~/os/hassham_090$ ./terminal
@fa21-bcs-090>kill 69699
@fa21-bcs-090>Process with Pid 69699 killed successfully 🐉
@fa21-bcs-090>
```

### MKDIR Command

```
@fa21-bcs-090>ls
Q2.c Q1.c Q1 q.c terminal.c fa21-bcs-090.c terminal file2.txt hassham.txt q Q2 file1.txt
@fa21-bcs-090>mkdir newFolder
@fa21-bcs-090>Directory created successfully
@fa21-bcs-090>ls
Q2.c Q1.c Q1 q.c terminal.c fa21-bcs-090.c terminal file2.txt hassham.txt q Q2 file1.txt newFolder
@fa21-bcs-090>
```

## RM COMMAND

```
@fa21-bcs-090>ls
Q2.c Q1.c Q1 q.c terminal.c fa21-bcs-090.c terminal file2.txt hassham.txt q Q2 file1.txt newFolder
@fa21-bcs-090>rm newFolder
@fa21-bcs-090>newFolder removed successfully
@fa21-bcs-090>ls
Q2.c Q1.c Q1 q.c terminal.c fa21-bcs-090.c terminal file2.txt hassham.txt q Q2 file1.txt
@fa21-bcs-090>rm file2.txt
@fa21-bcs-090>file2.txt removed successfully
@fa21-bcs-090>ls
Q2.c Q1.c Q1 q.c terminal.c fa21-bcs-090.c terminal hassham.txt q Q2 file1.txt
@fa21-bcs-090>
```

## PWD Command

```
@fa21-bcs-090>pwd
@fa21-bcs-090>/home/rnaveed/os/hassham_090
@fa21-bcs-090>
```

## LS Command

```
@fa21-bcs-090>ls /home/rnaveed/Desktop/
xv6-public os lab4.odt test.c test code.c Assignment New Folder
@fa21-bcs-090>
```

## LS -L Command

```
@fa21-bcs-090>ls -l /home/rnaveed/Desktop/
```

File Name	Size (bytes)	Last Modified	Is Directory
xv6-public	12288	2023-11-26 13:48:26	Yes
os lab4.odt	587020	2023-09-27 09:20:57	No
test.c	260	2023-12-09 20:14:47	No
test	15952	2023-12-09 20:14:54	No
code.c	3798	2023-11-13 02:22:24	No
Assignment	4096	2023-11-30 20:53:39	Yes
New Folder	4096	2023-11-21 20:39:49	Yes

## LS -R Command

```

@fa21-bcs-090>ls -r /home/rnaveed/os/
File Name
test test1 hassham_090
@fa21-bcs-090>ls -r /home/rnaveed/os/hassham_090/
File Name
Q2.c Q1.c q.c terminal.c fa21-bcs-090.c terminal file2.txt hassham.txt q Q2 file1.txt Q1
@fa21-bcs-090>

```

### LS -A Command

```

@fa21-bcs-090>ls -a /home/rnaveed/Desktop/
File Name
xv6-public
.
os lab4.odt
test.c
test
code.c
Assignment
New Folder
..

```

### CAT Command

```

@fa21-bcs-090>cat file2.txt
sample data for file
kdjjs
idjkws

```

### CD Command

```

@fa21-bcs-090>pwd
@fa21-bcs-090>/home/rnaveed/os/hassham_090
@fa21-bcs-090>cd /home/rnaveed/Desktop/
@fa21-bcs-090>Changed to directory:/home/rnaveed/Desktop/
@fa21-bcs-090>pwd
@fa21-bcs-090>/home/rnaveed/Desktop
@fa21-bcs-090>

```