



# Linux basic commands

08.10.2023

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Ranabir Devnath

ICDCP\_71

## Overview

In this summary file, every command output is shown

```

pias:x:1000:1000:Pias Debnath,,,:/home/pias:/usr/bin/zsh
strongswan:x:129:65534::/var/lib/strongswan:/usr/sbin/nologin
pias-devops:x:1001:1001::/home/pias-devops:/bin/sh

```

```

~ / Desktop / Prep / IC-DEV / mod3 13:30:48

```

New user is created

```

pias@pias-s-EXPERTBOOK:~/Desktop/Prep/IC-DEV/mod3
~ / Desktop / Prep / IC-DEV / mod3 13:34:44
mkdir os-concept ~ / Desktop / Prep / IC-DEV / mod3 13:35:26
mkdir ubuntu-is-the-best ~ / Desktop / Prep / IC-DEV / mod3 13:35:36
ls
1st.sh os-concept ubuntu-is-the-best ~ / Desktop / Prep / IC-DEV / mod3 13:35:37

```

2 directories created

```

~ / Desktop / Prep / IC-DEV / mod3 / os-concept 13:36:59
touch file1.txt ~ / Desktop / Prep / IC-DEV / mod3 / os-concept 13:37:15
touch file2.txt ~ / Desktop / Prep / IC-DEV / mod3 / os-concept 13:37:19
ls
file1.txt file2.txt ~ / Desktop / Prep / IC-DEV / mod3 / os-concept 13:38:00
cd .. ~ / Desktop / Prep / IC-DEV / mod3 13:38:03
cd ubuntu-is-the-best ~ / Desktop / Prep / IC-DEV / mod3 / ubuntu-is-the-best 13:38:10
touch file{1..2}.txt ~ / Desktop / Prep / IC-DEV / mod3 / ubuntu-is-the-best 13:38:20
ls
file1.txt file2.txt ~ / Desktop / Prep / IC-DEV / mod3 / ubuntu-is-the-best 13:38:22
ls -l
total 0
-rw-rw-r-- 1 pias pias 0 অক্টোবর 8 13:38 file1.txt
-rw-rw-r-- 1 pias pias 0 অক্টোবর 8 13:38 file2.txt
~ / Desktop / Prep / IC-DEV / mod3 / ubuntu-is-the-best 13:39:54

```

2 files is also created on each directories

```

pias@pias-s-EXPERTBOOK:~/Desktop/Prep/IC-DEV/mod3/os-concept
~/Desktop/Prep/IC-DEV/mod3/os-concept ✓ 13:43:03
chmod 640 file1.txt file2.txt
~/Desktop/Prep/IC-DEV/mod3/os-concept ✓ 13:43:34
ls -l
total 0
-rw-r----- 1 pias pias 0 অক্টোবর  8 13:37 file1.txt
-rw-r----- 1 pias pias 0 অক্টোবর  8 13:37 file2.txt
~/Desktop/Prep/IC-DEV/mod3/os-concept ✓ 13:43:37

```

File permission changed for both these files.

```

pias@pias-s-EXPERTBOOK:~/Desktop/Prep/IC-DEV/mod3/os-concept
~/Desktop/Prep/IC-DEV/mod3/os-concept ✓ 13:45:06
sudo groupadd another_group
~/Desktop/Prep/IC-DEV/mod3/os-concept ✓ 13:45:11
chown :another_group *.txt
chown: changing group of 'file1.txt': Operation not permitted
chown: changing group of 'file2.txt': Operation not permitted
~/Desktop/Prep/IC-DEV/mod3/os-concept 1 x 13:46:36
sudo chown :another_group *.txt
~/Desktop/Prep/IC-DEV/mod3/os-concept ✓ 13:46:43
ls -l
total 0
-rw-r----- 1 pias another_group 0 অক্টোবর  8 13:37 file1.txt
-rw-r----- 1 pias another_group 0 অক্টোবর  8 13:37 file2.txt
~/Desktop/Prep/IC-DEV/mod3/os-concept ✓ 13:47:37

```

1 new group is created and file ownership is changed

```

pias@pias-s-EXPERTBOOK:~/Desktop/Prep/IC-DEV/mod3/os-concept
~/Desktop/Prep/IC-DEV/mod3/os-concept ✓ 13:59:05
tail -3 /etc/group
sambashare:x:136:pias
pias-devops:x:1001:
another_group:x:1002:

```

```
gdm:x:128:134:Gnome Display Manager:/var/lib/gdm3:/bin/false
pias:x:1000:1000:Pias Debnath,,,:/home/pias:/usr/bin/zsh
strongswan:x:129:65534::/var/lib/strongswan:/usr/sbin/nologin
pias-devops:x:1001:1002::/home/pias-devops:/bin/sh
```

```
~/Desktop/Prep/IC-DEV/mod3/os-concept
```

User is added to the new created group.

```
pias@pias-s-EXPERTBOOK:~/Desktop/Prep/IC-DEV/mod3/os-concept
```

```
~/Desktop/Prep/IC-DEV/mod3/os-concept
```

```
vi crash.in
```

```
~/De/Prep/IC-DEV/mod3/os-concept
```

```
cat crash.in
```

```
B
B
B
```

```
D
```

```
D
```

```
this is a file that contain the word crash"
```

```
~/Desktop/Prep/IC-DEV/mod3/os-concept
```

Crash file is created in both directories.

```
pias@pias-s-EXPERTBOOK:~/Desktop/Prep/IC-DEV/mod3
```

```
~/Desktop/Prep/IC-DEV/mod3
```

```
ls
```

```
1st.sh os-concept ubuntu-is-the-best
```

```
~/Desktop/Prep/IC-DEV/mod3
```

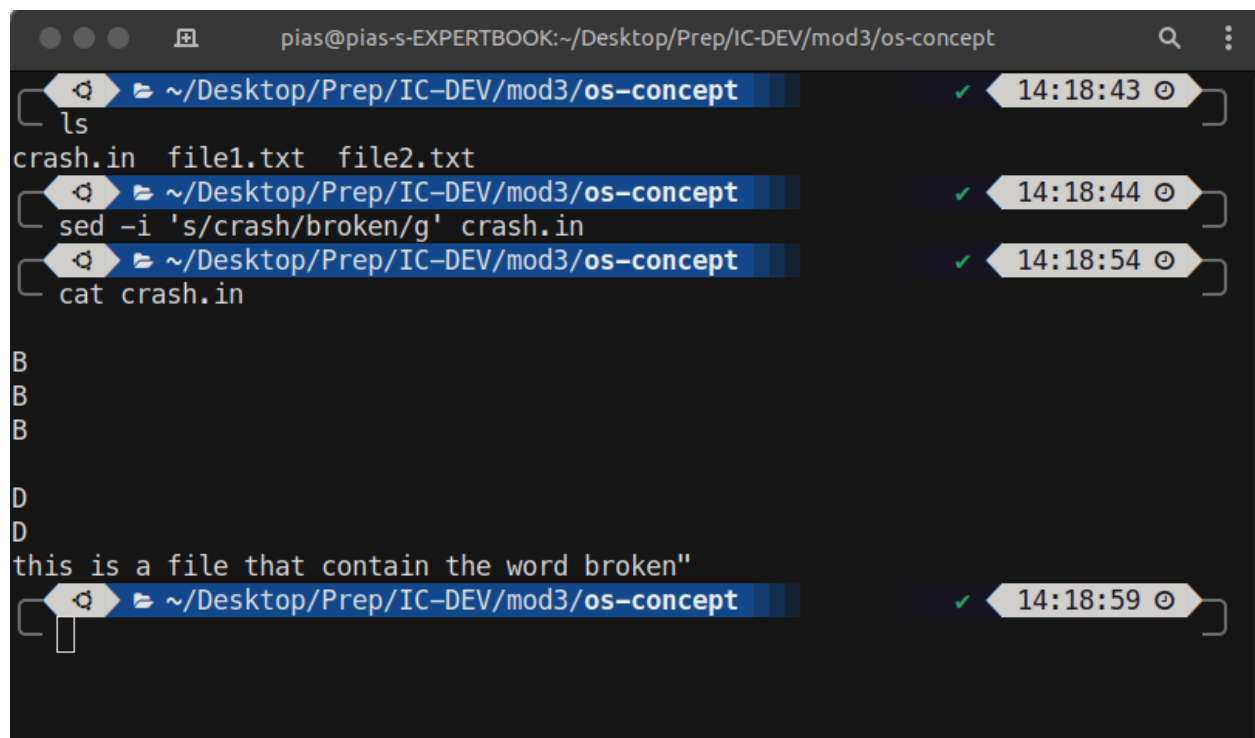
```
find /home/pias/Desktop/Prep/IC-DEV/mod3 -name crash.in
```

```
/home/pias/Desktop/Prep/IC-DEV/mod3/ubuntu-is-the-best/crash.in
```

```
/home/pias/Desktop/Prep/IC-DEV/mod3/os-concept/crash.in
```

```
~/Desktop/Prep/IC-DEV/mod3
```

And every "crash" is shown from both these directories.



A terminal window titled 'pias@pias-s-EXPERTBOOK:~/Desktop/Prep/IC-DEV/mod3/os-concept'. The terminal shows a sequence of commands and their outputs. The first command is 'ls', which lists 'crash.in', 'file1.txt', and 'file2.txt'. The second command is 'sed -i 's/crash/broken/g' crash.in'. The third command is 'cat crash.in', which outputs 'B', 'B', 'B', 'D', 'D', and 'this is a file that contain the word broken"'. The terminal interface includes a dark background with light-colored text and a sidebar on the left showing the file explorer.

```
pias@pias-s-EXPERTBOOK:~/Desktop/Prep/IC-DEV/mod3/os-concept
ls
crash.in  file1.txt  file2.txt
sed -i 's/crash/broken/g' crash.in
cat crash.in
B
B
B
D
D
this is a file that contain the word broken"
```

Now crash is replaced with "broken"