

student@administrator-HP-Pro-3330-MT: ~



```
student@administrator-HP-Pro-3330-MT:~$ touch f1.txtx
```

```
student@administrator-HP-Pro-3330-MT:~$ touch f2.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ nano f1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ nano f2.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ grep "are" f2.txt
```

How are u?

```
student@administrator-HP-Pro-3330-MT:~$ grep "are" f2.txt | echo "" > f1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ cat f1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ grep "are" f2.txt > f1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ cat f1.txt
```

How are u?

```
student@administrator-HP-Pro-3330-MT:~$ cat f1.txt
```

How are u?

```
student@administrator-HP-Pro-3330-MT:~$ grep "hello" f2.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ grep -i "hello" f2.txt
```

Hello,

```
student@administrator-HP-Pro-3330-MT:~$ touch copy1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ cp f1.txt copy1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ cat copy1.txt
```

How are u?

```
student@administrator-HP-Pro-3330-MT:~$ cat f1.txt
```

How are u?

```
student@administrator-HP-Pro-3330-MT:~$ whatis cp
```

```
cp (1)                  - copy files and directories
```

```
student@administrator-HP-Pro-3330-MT:~$ whatis grep
```

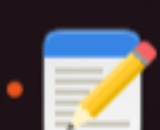
```
grep (1)                - print lines that match patterns
```

```
student@administrator-HP-Pro-3330-MT:~$ man grep
```

```
student@administrator-HP-Pro-3330-MT:~$ egrep "dac" f1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ grep "are" >> f2.txt
```

^Z



student@administrator-HP-Pro-3330-MT: ~



^Z

[1]+ Stopped grep --color=auto "are" >> f2.txt

student@administrator-HP-Pro-3330-MT:~\$ echo "are" >>f2.txt

student@administrator-HP-Pro-3330-MT:~\$ cat f2.txt

Hello,

How are u?

are

student@administrator-HP-Pro-3330-MT:~\$ echo \$?

0

student@administrator-HP-Pro-3330-MT:~\$ whatis \$?

0: nothing appropriate.

student@administrator-HP-Pro-3330-MT:~\$ whatis cat

cat (1) - concatenate files and print on the standard output

student@administrator-HP-Pro-3330-MT:~\$ whatis ram

ram (4) - ram disk device

student@administrator-HP-Pro-3330-MT:~\$ whatis memory

memory: nothing appropriate.

student@administrator-HP-Pro-3330-MT:~\$ cd kk

student@administrator-HP-Pro-3330-MT:~/kk\$ cd ..

student@administrator-HP-Pro-3330-MT:~\$ kk 2> error.txt

student@administrator-HP-Pro-3330-MT:~\$ cat error.txt

kk: command not found

student@administrator-HP-Pro-3330-MT:~\$ echo "hello"&> f1.txt

student@administrator-HP-Pro-3330-MT:~\$ bash f1.txt

f1.txt: line 1: hello: command not found

student@administrator-HP-Pro-3330-MT:~\$ cat f1.txt

hello

student@administrator-HP-Pro-3330-MT:~\$ bash f1.txt 1> error.txt

f1.txt: line 1: hello: command not found

student@administrator-HP-Pro-3330-MT:~\$ bash f1.txt 2> error.txt

student@administrator-HP-Pro-3330-MT:~\$ bash f1.txt &>error.txt

student@administrator-HP-Pro-3330-MT:~\$ bash f1.txt &> error.txt

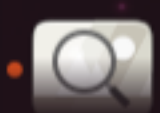
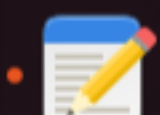
student@administrator-HP-Pro-3330-MT:~\$ nano success.txt



student@administrator-HP-Pro-3330-MT: ~



```
student@administrator-HP-Pro-3330-MT:~$ nano success.txt
student@administrator-HP-Pro-3330-MT:~$ bash f1.txt 1> success.txt
f1.txt: line 1: hello: command not found
student@administrator-HP-Pro-3330-MT:~$ cat success.txt
student@administrator-HP-Pro-3330-MT:~$ bash f1.txt
f1.txt: line 1: hello: command not found
student@administrator-HP-Pro-3330-MT:~$ cat f1.txt
hello
student@administrator-HP-Pro-3330-MT:~$ bash f1.txt 1> success.txt
f1.txt: line 1: hello: command not found
student@administrator-HP-Pro-3330-MT:~$ bash f1.txt 2> success.txt
student@administrator-HP-Pro-3330-MT:~$ bash f1.txt &> success.txt
student@administrator-HP-Pro-3330-MT:~$ rm success.txt
student@administrator-HP-Pro-3330-MT:~$ cat success.txt
cat: success.txt: No such file or directory
student@administrator-HP-Pro-3330-MT:~$ touch s1.txt
student@administrator-HP-Pro-3330-MT:~$ echo "hiii" >> s1.txt
student@administrator-HP-Pro-3330-MT:~$ dac >> s1.txt
Command 'dac' not found, but there are 17 similar ones.
student@administrator-HP-Pro-3330-MT:~$ nano s1.txt
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt
hiii
s1.txt: line 2: dac: command not found
byeeee
student@administrator-HP-Pro-3330-MT:~$ cat s1.txt
echo "hiii"
dac
echo "byeeee"
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt 1> success.txt
s1.txt: line 2: dac: command not found
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt 2> success.txt
hiii
byeeee
```



student@administrator-HP-Pro-3330-MT: ~



```
student@administrator-HP-Pro-3330-MT:~$ cat success.txt
```

```
cat: success.txt: No such file or directory
```

```
student@administrator-HP-Pro-3330-MT:~$ touch s1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ echo "hihi" >> s1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ dac >> s1.txt
```

```
Command 'dac' not found, but there are 17 similar ones.
```

```
student@administrator-HP-Pro-3330-MT:~$ nano s1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt
```

```
hiiii
```

```
s1.txt: line 2: dac: command not found
```

```
byeeee
```

```
student@administrator-HP-Pro-3330-MT:~$ cat s1.txt
```

```
echo "hiiii"
```

```
dac
```

```
echo "byeeee"
```

```
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt 1> success.txt
```

```
s1.txt: line 2: dac: command not found
```

```
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt 2> success.txt
```

```
hiiii
```

```
byeeee
```

```
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt ?> success.txt
```

```
s1.txt: line 2: dac: command not found
```

```
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt &> success.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ cat success.txt
```

```
hiiii
```

```
s1.txt: line 2: dac: command not found
```

```
byeeee
```

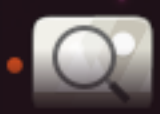
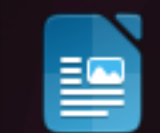
```
student@administrator-HP-Pro-3330-MT:~$ cat error.txt
```

```
f1.txt: line 1: hello: command not found
```

```
student@administrator-HP-Pro-3330-MT:~$ whatis bash
```

```
bash (1) - GNU Bourne-Again SHell
```

```
student@administrator-HP-Pro-3330-MT:~$ bash s1.txt &> success.txt
```

student@administrator-HP-Pro-3330-MT: ~/os



```
student@administrator-HP-Pro-3330-MT:~$
```

```
student@administrator-HP-Pro-3330-MT:~$ mkdir os
```

```
student@administrator-HP-Pro-3330-MT:~$ cd os
```

```
student@administrator-HP-Pro-3330-MT:~/os$ touch first.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis touch
```

```
touch (1)          - change file timestamps
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis mkdir
```

```
mkdir (1)          - make directories
```

```
student@administrator-HP-Pro-3330-MT:~/os$ nano first.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ cat first.txt
```

```
Hello,
```

```
This is my text file.
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis nano
```

```
nano (1)          - Nano's ANOther editor, inspired by Pico
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis cat
```

```
cat (1)           - concatenate files and print on the standard output
```

```
student@administrator-HP-Pro-3330-MT:~/os$ echo "This is me">> first.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ cat first.txt
```

```
Hello,
```

```
This is my text file.
```

```
This is me
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis echo
```

```
echo (1)          - display a line of text
```

```
student@administrator-HP-Pro-3330-MT:~/os$ what is bash
```

```
Command 'what' not found, did you mean:
```

```
command 'chat' from deb ppp (2.4.9-1+1.1ubuntu1)
```

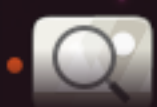
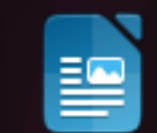
```
command 'phat' from deb phat-utils (1.6-2build4)
```

```
command 'wham' from deb wham-align (0.1.5-8)
```

```
command 'jhat' from deb openjdk-8-jdk-headless (8u362-ga-0ubuntu2)
```

```
Try: apt install <deb name>
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis bash
```



student@administrator-HP-Pro-3330-MT: ~/os



```
student@administrator-HP-Pro-3330-MT:~/os$ whatis bash
```

```
bash (1) - GNU Bourne-Again SHell
```

```
student@administrator-HP-Pro-3330-MT:~/os$ sort first.txt
```

```
Hello,
```

```
This is me
```

```
This is my text file.
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis sort
```

```
sort (1) - sort lines of text files
```

```
student@administrator-HP-Pro-3330-MT:~/os$ touhc first.txt
```

```
Command 'touhc' not found, did you mean:
```

```
command 'touch' from deb coreutils (9.1-1ubuntu2)
```

```
Try: apt install <deb name>
```

```
student@administrator-HP-Pro-3330-MT:~/os$ touch first.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ ls
```

```
first.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis ls
```

```
ls (1) - list directory contents
```

```
student@administrator-HP-Pro-3330-MT:~/os$ ls -l
```

```
total 4
```

```
-rw-rw-r-- 1 student student 41 Mar 15 14:39 first.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ touch second.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ touch second.html
```

```
student@administrator-HP-Pro-3330-MT:~/os$ nano second.html
```

```
student@administrator-HP-Pro-3330-MT:~/os$ CAT SECOND.HTML
```

```
Command 'CAT' not found, but can be installed with:
```

```
apt install cat-bat
```

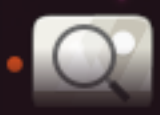
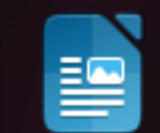
```
Please ask your administrator.
```

```
student@administrator-HP-Pro-3330-MT:~/os$ cat second.html
```

```
NAMASTE,
```

```
GOOD MORNING,
```

```
THIS IS MY SECOND FILE!
```



student@administrator-HP-Pro-3330-MT: ~/os



```
student@administrator-HP-Pro-3330-MT:~/os$ cat second.html
```

```
NAMASTE,  
GOOD MORNING,
```

```
THIS IS MY SECOND FILE!
```

```
student@administrator-HP-Pro-3330-MT:~/os$ cat second.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis cat
```

```
cat (1) - concatenate files and print on the standard output
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis ls -l
```

```
ls (1) - list directory contents
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis echo
```

```
echo (1) - display a line of text
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis hashbang
```

```
hashbang: nothing appropriate.
```

```
student@administrator-HP-Pro-3330-MT:~/os$ echo $shell
```

```
student@administrator-HP-Pro-3330-MT:~/os$ echo $SHELL
```

```
/bin/bash
```

```
student@administrator-HP-Pro-3330-MT:~/os$ wc
```

```
^Z
```

```
[2]+ Stopped
```

```
wc
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis wc
```

```
wc (1) - print newline, word, and byte counts for each file
```

```
student@administrator-HP-Pro-3330-MT:~/os$ wc first.txt
```

```
4 9 41 first.txt
```

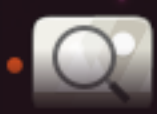
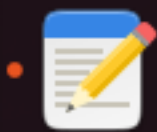
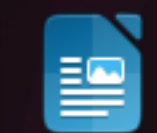
```
student@administrator-HP-Pro-3330-MT:~/os$ wc second.html
```

```
5 8 49 second.html
```

```
student@administrator-HP-Pro-3330-MT:~/os$ cat first.txt
```

```
Hello,  
This is my text file.
```

```
This is me
```

student@administrator-HP-Pro-3330-MT: ~/os



```
student@administrator-HP-Pro-3330-MT:~/os$ echo $SHELL
```

```
/bin/bash
```

```
student@administrator-HP-Pro-3330-MT:~/os$ wc
```

```
^Z
```

```
[2]+  Stopped                  wc
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis wc
```

```
wc (1)                  - print newline, word, and byte counts for each file
```

```
student@administrator-HP-Pro-3330-MT:~/os$ wc first.txt
```

```
4  9 41 first.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ wc second.html
```

```
5  8 49 second.html
```

```
student@administrator-HP-Pro-3330-MT:~/os$ cat first.txt
```

```
Hello,
```

```
This is my text file.
```

```
This is me
```

```
student@administrator-HP-Pro-3330-MT:~/os$ cat second.html
```

```
NAMASTE,
```

```
GOOD MORNING,
```

```
THIS IS MY SECOND FILE!
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis grep
```

```
grep (1)                - print lines that match patterns
```

```
student@administrator-HP-Pro-3330-MT:~/os$ wc -l first.txt
```

```
4 first.txt
```

```
student@administrator-HP-Pro-3330-MT:~/os$ wc -l second.html
```

```
5 second.html
```

```
student@administrator-HP-Pro-3330-MT:~/os$ whatis wc -l
```

```
wc (1)                  - print newline, word, and byte counts for each file
```

```
student@administrator-HP-Pro-3330-MT:~/os$
```


student@administrator-HP-Pro-3330-MT: ~

4 first.txt

student@administrator-HP-Pro-3330-MT:~/os\$ wc -l second.html

5 second.html

student@administrator-HP-Pro-3330-MT:~/os\$ whatis wc -l

wc (1) - print newline, word, and byte counts for each file

student@administrator-HP-Pro-3330-MT:~/os\$ ls -l first.txt

-rw-rw-r-- 1 student student 41 Mar 15 14:39 first.txt

student@administrator-HP-Pro-3330-MT:~/os\$ ls -l first.txt | cut -d" " -f1

cut: the delimiter must be a single character

Try 'cut --help' for more information.

student@administrator-HP-Pro-3330-MT:~/os\$ ls -l first.txt | cut -d" " -f1

-rw-rw-r--

student@administrator-HP-Pro-3330-MT:~/os\$ whatis ls -l first.txt | cut -d" " -f1

first.txt: nothing appropriate.

ls

student@administrator-HP-Pro-3330-MT:~/os\$ touch number.txt

student@administrator-HP-Pro-3330-MT:~/os\$ nano number.txt

student@administrator-HP-Pro-3330-MT:~/os\$ cat number.txt

99

28 823

83

12

73

73

00

12

student@administrator-HP-Pro-3330-MT:~/os\$ sort number.txt

00

12

12

28 823

73


73

student@administrator-HP-Pro-3330-MT: ~

73

83

99

 student@administrator-HP-Pro-3330-MT:~/os\$ sort -n number.txt

00

12

12


28 823

73

73

83

99

 student@administrator-HP-Pro-3330-MT:~/os\$ sort -rn number.txt

99

83

73


73

28 823

12


12

00

 student@administrator-HP-Pro-3330-MT:~/os\$ whatis sort -n number.txt


whatis: invalid option -- 'n'

Try 'whatis --help' or 'whatis --usage' for more information.

 student@administrator-HP-Pro-3330-MT:~/os\$ whatis sort -n

whatis: invalid option -- 'n'

Try 'whatis --help' or 'whatis --usage' for more information.

 student@administrator-HP-Pro-3330-MT:~/os\$ whatis sort -rn

whatis: invalid option -- 'n'

Try 'whatis --help' or 'whatis --usage' for more information.

 student@administrator-HP-Pro-3330-MT:~/os\$ ls -l first.txt | cut -d" " -f2

1

 student@administrator-HP-Pro-3330-MT:~/os\$ grep "first.txt" | cut -d": " -f2

student@administrator-HP-Pro-3330-MT: ~

whatis: invalid option -- 'n'

Try 'whatis --help' or 'whatis --usage' for more information.

student@administrator-HP-Pro-3330-MT:~/os\$ ls -l first.txt | cut -d" " -f2

1

student@administrator-HP-Pro-3330-MT:~/os\$ grep "first.txt" | cut -d": " -f2

cut: the delimiter must be a single character

Try 'cut --help' for more information.

^Z

[3]+ Stopped grep --color=auto "first.txt" | cut -d": " -f2

student@administrator-HP-Pro-3330-MT:~/os\$ whatis chmod

chmod (1) - change file mode bits

student@administrator-HP-Pro-3330-MT:~/os\$ whatis chown

chown (1) - change file owner and group

student@administrator-HP-Pro-3330-MT:~/os\$ whatis chgrp

chgrp (1) - change group ownership

student@administrator-HP-Pro-3330-MT:~/os\$ sudo -s

[sudo] password for student:

student is not in the sudoers file.

student@administrator-HP-Pro-3330-MT:~/os\$ cd ..

student@administrator-HP-Pro-3330-MT:~\$ \$echo \$PATH

bash: /usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games:/usr/local/games:/snap/bin:/snap/bin: No such file or directory

student@administrator-HP-Pro-3330-MT:~\$ \$ echo \$PATH

\$: command not found

student@administrator-HP-Pro-3330-MT:~\$ sudo -s

[sudo] password for student:

Sorry, try again.

[sudo] password for student:

Sorry, try again.

[sudo] password for student:

sudo: 3 incorrect password attempts

student@administrator-HP-Pro-3330-MT:~\$

student@administrator-HP-Pro-3330-MT: /

Sorry, try again.

[sudo] password for student:

sudo: 3 incorrect password attempts

student@administrator-HP-Pro-3330-MT:~\$ whoami

student

student@administrator-HP-Pro-3330-MT:~\$ whatis whoami

whoami (1) - print effective user name

student@administrator-HP-Pro-3330-MT:~\$ etc directory

Command 'etc' not found, did you mean:

command 'dtc' from snap device-tree-compiler (1.6.1)

command 'tc' from deb iproute2 (6.1.0-1ubuntu2)

command 'etr' from deb extremetuxracer (0.8.2-1)

command 'eta' from deb eta (1.0.1-1)

command 'etcd' from deb etcd-server (3.4.23-4)

command 'etm' from deb etm (3.2.30-4)

command 'atc' from deb bsdgames (2.17-29)

command 'etw' from deb etw (3.6+svn162-6)

command 'rtc' from deb nvram-wakeup (1.1-4build1)

command 'htc' from deb httptunnel (3.3+dfsg-4)

command 'dtc' from deb device-tree-compiler (1.6.1-4)

See 'snap info <snapname>' for additional versions.

student@administrator-HP-Pro-3330-MT:~\$ user group

Command 'user' not found, did you mean:

command 'users' from deb coreutils (9.1-1ubuntu2)

command 'iuser' from deb ipmiutil (3.1.8-4)

command 'fuser' from deb psmisc (23.6-1)

command 'userv' from deb userv (1.2.1~beta4)

Try: apt install <deb name>

student@administrator-HP-Pro-3330-MT:~\$ passwd directory

passwd: user 'directory' does not exist

student@administrator-HP-Pro-3330-MT:~\$ group directory

Command 'group' not found, did you mean:

command 'grop' from deb grop (2:0.10-1.2)

student@administrator-HP-Pro-3330-MT: /

```
command 'grop' from deb grop (2:0.10-1.2)
command 'groups' from deb coreutils (9.1-1ubuntu2)
```

```
Try: apt install <deb name>
```

```
student@administrator-HP-Pro-3330-MT:~$ whatis tree
```

```
tree: nothing appropriate.
```

```
student@administrator-HP-Pro-3330-MT:~$ pwd
```

```
/home/student
```

```
student@administrator-HP-Pro-3330-MT:~$ cd ..
```

```
student@administrator-HP-Pro-3330-MT:/home$ pwd
```

```
/home
```

```
student@administrator-HP-Pro-3330-MT:/home$ ls -l *.txt
```

```
ls: cannot access '*.txt': No such file or directory
```

```
student@administrator-HP-Pro-3330-MT:/home$ ls -l *.txt
```

```
ls: cannot access '*.txt': No such file or directory
```

```
student@administrator-HP-Pro-3330-MT:/home$ ls -l * .txt
```

```
ls: cannot access '.txt': No such file or directory
```

```
ls: cannot open directory 'administrator': Permission denied
```

```
student:
```

```
total 84
```

```
-rw-rw-r-- 1 student student  9 Mar 15 12:55 capy.txt
-rw-rw-r-- 1 student student 11 Mar 15 14:07 copy1.txt
-rw-rw-r-- 1 student student  0 Mar 15 12:55 copy.txt
drwxr-xr-x 2 student student 4096 Aug 22  2023 Desktop
drwxrwxr-x 3 student student 4096 Mar 15 11:54 dir1
drwxr-xr-x 2 student student 4096 Aug 22  2023 Documents
drwxr-xr-x 2 student student 4096 Aug 22  2023 Downloads
-rw-rw-r-- 1 student student  41 Mar 15 14:17 error.txt
-rw-rw-r-- 1 student student   6 Mar 15 14:14 f1.txt
-rw-rw-r-- 1 student student   0 Mar 15 13:54 f1.txtx
-rw-rw-r-- 1 student student  22 Mar 15 14:11 f2.txt
drwxrwxr-x 3 student student 4096 Mar 15 12:56 kk
drwxr-xr-x 2 student student 4096 Aug 22  2023 Music
drwxrwxr-x 2 student student 4096 Mar 15 14:58 os
```




student@administrator-HP-Pro-3330-MT: /



student@administrator-HP-Pro-3330-MT:/home\$ ls -l *.txt

ls: cannot access '*.txt': No such file or directory

student@administrator-HP-Pro-3330-MT:/home\$ ls -l * .txt

ls: cannot access '*.txt': No such file or directory

ls: cannot open directory 'administrator': Permission denied

student:

total 84

-rw-rw-r-- 1 student student 9 Mar 15 12:55 copy.txt

-rw-rw-r-- 1 student student 11 Mar 15 14:07 copy1.txt

-rw-rw-r-- 1 student student 0 Mar 15 12:55 copy.txt

drwxr-xr-x 2 student student 4096 Aug 22 2023 Desktop

drwxrwxr-x 3 student student 4096 Mar 15 11:54 dir1

drwxr-xr-x 2 student student 4096 Aug 22 2023 Documents

drwxr-xr-x 2 student student 4096 Aug 22 2023 Downloads

-rw-rw-r-- 1 student student 41 Mar 15 14:17 error.txt

-rw-rw-r-- 1 student student 6 Mar 15 14:14 f1.txt

-rw-rw-r-- 1 student student 0 Mar 15 13:54 f1.txtx

-rw-rw-r-- 1 student student 22 Mar 15 14:11 f2.txt

drwxrwxr-x 3 student student 4096 Mar 15 12:56 kk

drwxr-xr-x 2 student student 4096 Aug 22 2023 Music

drwxrwxr-x 2 student student 4096 Mar 15 14:58 os

drwxr-xr-x 3 student student 4096 Mar 15 14:32 Pictures

drwxr-xr-x 2 student student 4096 Aug 22 2023 Public

-rw-rw-r-- 1 student student 31 Mar 15 14:26 s1.txt

drwx----- 4 student student 4096 Mar 15 12:16 snap

-rw-rw-r-- 1 student student 52 Mar 15 14:28 success.txt

drwxr-xr-x 2 student student 4096 Aug 22 2023 Templates

-rw-rw-r-- 1 student student 18 Mar 15 12:43 test1.txt

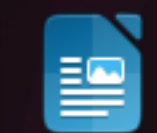
-rw-rw-r-- 1 student student 67 Mar 15 12:47 two.sh

drwxr-xr-x 2 student student 4096 Aug 22 2023 Videos

student@administrator-HP-Pro-3330-MT:/home\$ cd os

bash: cd: os: No such file or directory

student@administrator-HP-Pro-3330-MT:/home\$ cd ..



student@administrator-HP-Pro-3330-MT: ~

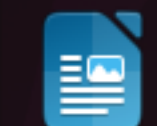


student@administrator-HP-Pro-3330-MT: ~/kk

student@administrator-HP-Pro-3330-MT: ~

student@administrator-HP-Pro-3330-MT: ~/d1

```
student@administrator-HP-Pro-3330-MT:~/home$ cd
student@administrator-HP-Pro-3330-MT:~$ mkdir d1
student@administrator-HP-Pro-3330-MT:~$
student@administrator-HP-Pro-3330-MT:~$
student@administrator-HP-Pro-3330-MT:~$ cd d1
student@administrator-HP-Pro-3330-MT:~/d1$ ls -l
total 0
student@administrator-HP-Pro-3330-MT:~/d1$ cd ..
student@administrator-HP-Pro-3330-MT:~$ ls -l
total 92
drwxrwxr-x 2 student student 4096 Mar 15 15:42 c1
-rw-rw-r-- 1 student student 9 Mar 15 12:55 capy.txt
-rw-rw-r-- 1 student student 11 Mar 15 14:07 copy1.txt
-rw-rw-r-- 1 student student 0 Mar 15 12:55 copy.txt
drwxrwxr-x 2 student student 4096 Mar 15 15:41 d1
drwxr-xr-x 2 student student 4096 Aug 22 2023 Desktop
drwxrwxr-x 3 student student 4096 Mar 15 11:54 dir1
drwxr-xr-x 2 student student 4096 Aug 22 2023 Documents
drwxr-xr-x 2 student student 4096 Aug 22 2023 Downloads
-rw-rw-r-- 1 student student 41 Mar 15 14:17 error.txt
-rw-rw-r-- 1 student student 6 Mar 15 14:14 f1.txt
-rw-rw-r-- 1 student student 0 Mar 15 13:54 f1.txtx
-rw-rw-r-- 1 student student 22 Mar 15 14:11 f2.txt
drwxrwxr-x 3 student student 4096 Mar 15 12:56 kk
drwxr-xr-x 2 student student 4096 Aug 22 2023 Music
drwxrwxr-x 2 student student 4096 Mar 15 14:58 os
drwxr-xr-x 3 student student 4096 Mar 15 14:32 Pictures
drwxr-xr-x 2 student student 4096 Aug 22 2023 Public
-rw-rw-r-- 1 student student 31 Mar 15 14:26 s1.txt
drwx----- 4 student student 4096 Mar 15 12:16 snap
-rw-rw-r-- 1 student student 52 Mar 15 14:28 success.txt
```



student@administrator-HP-Pro-3330-MT: ~



student@administrator-HP-Pro-3330-MT: ~/kk

student@administrator-HP-Pro-3330-MT: ~

student@administrator-HP-Pro-3330-MT: ~/d1

```
-rw-rw-r-- 1 student student 31 Mar 15 14:26 s1.txt
drwx----- 4 student student 4096 Mar 15 12:16 snap
-rw-rw-r-- 1 student student 52 Mar 15 14:28 success.txt
drwxr-xr-x 2 student student 4096 Aug 22 2023 Templates
-rw-rw-r-- 1 student student 18 Mar 15 12:43 test1.txt
-rw-rw-r-- 1 student student 67 Mar 15 12:47 two.sh
drwxr-xr-x 2 student student 4096 Aug 22 2023 Videos
student@administrator-HP-Pro-3330-MT:~$ ls -l *.txt
-rw-rw-r-- 1 student student 9 Mar 15 12:55 copy.txt
-rw-rw-r-- 1 student student 11 Mar 15 14:07 copy1.txt
-rw-rw-r-- 1 student student 0 Mar 15 12:55 copy.txt
-rw-rw-r-- 1 student student 41 Mar 15 14:17 error.txt
-rw-rw-r-- 1 student student 6 Mar 15 14:14 f1.txt
-rw-rw-r-- 1 student student 22 Mar 15 14:11 f2.txt
-rw-rw-r-- 1 student student 31 Mar 15 14:26 s1.txt
-rw-rw-r-- 1 student student 52 Mar 15 14:28 success.txt
-rw-rw-r-- 1 student student 18 Mar 15 12:43 test1.txt
student@administrator-HP-Pro-3330-MT:~$ ls -l first.txt
ls: cannot access 'first.txt': No such file or directory
student@administrator-HP-Pro-3330-MT:~$ ls -l copy.txt
-rw-rw-r-- 1 student student 0 Mar 15 12:55 copy.txt
student@administrator-HP-Pro-3330-MT:~$ ls -l copy.txt | cut -d" "-f1
cut: the delimiter must be a single character
Try 'cut --help' for more information.
student@administrator-HP-Pro-3330-MT:~$ ls -l copy.txt | cut -d" "-f1
-rw-rw-r--
student@administrator-HP-Pro-3330-MT:~$ mkdir acts sunbeam iacsd
student@administrator-HP-Pro-3330-MT:~$ cd acts
student@administrator-HP-Pro-3330-MT:~/acts$ cd sunbeam
bash: cd: sunbeam: No such file or directory
student@administrator-HP-Pro-3330-MT:~/acts$ rmdir
```




student@administrator-HP-Pro-3330-MT: ~



student@administrator-HP-Pro-3330-MT: ~/kk

student@administrator-HP-Pro-3330-MT: ~

student@administrator-HP-Pro-3330-MT: ~/d1

```
student@administrator-HP-Pro-3330-MT:~/acts$ cd sunbeam
```

```
bash: cd: sunbeam: No such file or directory
```

```
student@administrator-HP-Pro-3330-MT:~/acts$ rmdir
```

```
rmdir: missing operand
```

```
Try 'rmdir --help' for more information.
```

```
student@administrator-HP-Pro-3330-MT:~/acts$ cd ..
```

```
student@administrator-HP-Pro-3330-MT:~$ rmdir
```

```
rmdir: missing operand
```

```
Try 'rmdir --help' for more information.
```

```
student@administrator-HP-Pro-3330-MT:~$ rmdir acts
```

```
student@administrator-HP-Pro-3330-MT:~$ cd acts
```

```
bash: cd: acts: No such file or directory
```

```
student@administrator-HP-Pro-3330-MT:~$ mkdir -p acts
```

```
student@administrator-HP-Pro-3330-MT:~$ mkdir -p acts1 hello
```

```
student@administrator-HP-Pro-3330-MT:~$ rm -r kk
```

```
student@administrator-HP-Pro-3330-MT:~$ whatis rm -r
```

```
apparmor (7) - kernel enhancement to confine programs to a limited set of resources.
```

```
apparmor.d (5) - syntax of security profiles for AppArmor.
```

```
apparmor.vim (5) - vim syntax highlighting file for AppArmor profiles
```

```
apparmor_parser (8) - loads AppArmor profiles into the kernel
```

```
apparmor_status (8) - display various information about the current AppArmor policy.
```

```
apparmor_xattrs (7) - AppArmor profile xattr(7) matching
```

```
arm2hpd1 (1) - Add HP download header/trailer to an ARM ELF binary.
```

```
armSCII-8 (7) - Armenian character set encoded in octal, decimal, and hexadecimal
```

```
charmap (5) - character set description file
```

```
colormgr (1) - Color Manager Testing Tool
```

```
colrm (1) - remove columns from a file
```

```
cracklib-format (8) - cracklib dictionary utilities
```

```
Date::Format (3pm) - Date formatting subroutines
```

```
dirmngr (8) - GnuPG's network access daemon
```

```
dirmngr-client (1) - Tool to access the Dirmngr services
```




student@administrator-HP-Pro-3330-MT: ~

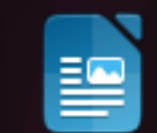


student@administrator-HP-Pro-3330-MT: ~/kk

student@administrator-HP-Pro-3330-MT: ~

student@administrator-HP-Pro-3330-MT: ~/d1

Date::Format (3pm) - Date formatting subroutines
dirmngr (8) - GnuPG's network access daemon
dirmngr-client (1) - Tool to access the Dirmngr services
fusermount (1) - mount and unmount FUSE filesystems
fusermount3 (1) - mount and unmount FUSE filesystems
gnome-terminal (1) - A terminal emulator for GNOME
gnome-terminal.wrapper (1) - A terminal emulator for GNOME
hdparm (8) - get/set SATA/IDE device parameters
hdparm.conf (5) - Debian configuration file for hdparm
hp-firmware (1) - Firmware Download Utility
HTML::Form (3pm) - Class that represents an HTML form element
HTML::Form::FileInput (3pm) - An HTML form file input element for use with HTML::Form
HTML::Form::IgnoreInput (3pm) - An HTML form ignored input element for use with HTML::Form
HTML::Form::ImageInput (3pm) - An HTML form image input element for use with HTML::Form
HTML::Form::Input (3pm) - A generic HTML form input element for use with HTML::Form
HTML::Form::KeygenInput (3pm) - An HTML form keygen input element for use with HTML::Form
HTML::Form::ListInput (3pm) - An HTML form list input element for use with HTML::Form
HTML::Form::SubmitInput (3pm) - An HTML form submit input element for use with HTML::Form
HTML::Form::TextInput (3pm) - An HTML form text input element for use with HTML::Form
HTML::FormatMarkdown (3pm) - Format HTML as Markdown
HTML::FormatPS (3pm) - Format HTML as PostScript
HTML::FormatRTF (3pm) - Format HTML as RTF
HTML::Formatter (3pm) - Base class for HTML formatters
HTML::FormatText (3pm) - Format HTML as plaintext
ip-xfrm (8) - transform configuration
ipcrm (1) - remove certain IPC resources
lprm (1) - cancel print jobs
LWP::MemberMixin (3pm) - Member access mixin class
ntfsusermap (8) - NTFS Building a User Mapping File
openssl-format-options (1ssl) - OpenSSL command input and output format options
pam_permit (8) - The promiscuous module



student@administrator-HP-Pro-3330-MT: ~



student@administrator-HP-Pro-3330-MT: ~/kk

student@administrator-HP-Pro-3330-MT: ~

student@administrator-HP-Pro-3330-MT: ~/d1

ntfsusermap (8) - NTFS Building a User Mapping File
openssl-format-options (1ssl) - OpenSSL command input and output format options
pam_permit (8) - The promiscuous module
pam_sepermit (8) - PAM module to allow/deny login depending on SELinux enforcement state
qmi-firmware-update (1) - Update firmware in QMI devices
re_format (7) - POSIX.2 regular expressions
rm (1) - remove files or directories
rmdir (1) - remove empty directories
rmmod (8) - Simple program to remove a module from the Linux Kernel
rmt (8) - remote magnetic tape server
rmt-tar (8) - remote magnetic tape server
sepermit.conf (5) - configuration file for the pam_sepermit module
setterm (1) - set terminal attributes
term (5) - format of compiled term file.
term (7) - conventions for naming terminal types
termcap (5) - terminal capability database
terminal-colors.d (5) - configure output colorization for various utilities
terminfo (5) - terminal capability database
termio (7) - System V terminal driver interface
thermal-conf.xml (5) - Configuration file for thermal daemon
thermald (8) - start Linux thermal daemon
usermod (8) - modify a user account
x-terminal-emulator (1) - A terminal emulator for GNOME

student@administrator-HP-Pro-3330-MT:~\$ etc kk

Command 'etc' not found, did you mean:

command 'dtc' from snap device-tree-compiler (1.6.1)
command 'tc' from deb iproute2 (6.1.0-1ubuntu2)
command 'dtc' from deb device-tree-compiler (1.6.1-4)
command 'atc' from deb bsdgames (2.17-29)
command 'etw' from deb etw (3.6+svn162-6)
command 'rtc' from deb nvram-wakeup (1.1-4build1)



student@administrator-HP-Pro-3330-MT: ~



student@administrator-HP-Pro-3330-MT: ~/kk

student@administrator-HP-Pro-3330-MT: ~

student@administrator-HP-Pro-3330-MT: ~/d1

```
command 'atc' from deb bsdgames (2.17-29)
command 'etw' from deb etw (3.6+svn162-6)
command 'rtc' from deb nvram-wakeup (1.1-4build1)
command 'etr' from deb extremetuxracer (0.8.2-1)
command 'htc' from deb httptunnel (3.3+dfsg-4)
command 'etm' from deb etm (3.2.30-4)
command 'eta' from deb eta (1.0.1-1)
command 'etcd' from deb etcd-server (3.4.23-4)
```

See 'snap info <snapname>' for additional versions.

student@administrator-HP-Pro-3330-MT:~\$ etc acts

Command 'etc' not found, did you mean:

```
command 'dtc' from snap device-tree-compiler (1.6.1)
command 'etcd' from deb etcd-server (3.4.23-4)
command 'htc' from deb httptunnel (3.3+dfsg-4)
command 'etm' from deb etm (3.2.30-4)
command 'rtc' from deb nvram-wakeup (1.1-4build1)
command 'etr' from deb extremetuxracer (0.8.2-1)
command 'eta' from deb eta (1.0.1-1)
command 'etw' from deb etw (3.6+svn162-6)
command 'dtc' from deb device-tree-compiler (1.6.1-4)
command 'tc' from deb iproute2 (6.1.0-1ubuntu2)
command 'atc' from deb bsdgames (2.17-29)
```

See 'snap info <snapname>' for additional versions.

student@administrator-HP-Pro-3330-MT:~\$ echo -n "hello"

hellostudent@administrator-HP-Pro-3330-MT:~\$ echo -e "hello"

hello

student@administrator-HP-Pro-3330-MT:~\$ echo -e "hello \n byeeee"

hello

byeeee

student@administrator-HP-Pro-3330-MT:~\$ echo -e "hello byeeee"

hello byeeee



student@administrator-HP-Pro-3330-MT: ~



student@administrator-HP-Pro-3330-MT: ~/kk

student@administrator-HP-Pro-3330-MT: ~

student@administrator-HP-Pro-3330-MT: ~/d1

command 'etr' from deb extremetuxracer (0.8.2-1)

command 'htc' from deb httptunnel (3.3+dfsg-4)

command 'etm' from deb etm (3.2.30-4)

command 'eta' from deb eta (1.0.1-1)

command 'etcd' from deb etcd-server (3.4.23-4)

See 'snap info <snapname>' for additional versions.

student@administrator-HP-Pro-3330-MT:~\$ etc acts

Command 'etc' not found, did you mean:

command 'dtc' from snap device-tree-compiler (1.6.1)

command 'etcd' from deb etcd-server (3.4.23-4)

command 'htc' from deb httptunnel (3.3+dfsg-4)

command 'etm' from deb etm (3.2.30-4)

command 'rtc' from deb nvram-wakeup (1.1-4build1)

command 'etr' from deb extremetuxracer (0.8.2-1)

command 'eta' from deb eta (1.0.1-1)

command 'etw' from deb etw (3.6+svn162-6)

command 'dtc' from deb device-tree-compiler (1.6.1-4)

command 'tc' from deb iproute2 (6.1.0-1ubuntu2)

command 'atc' from deb bsdgames (2.17-29)

See 'snap info <snapname>' for additional versions.

student@administrator-HP-Pro-3330-MT:~\$ echo -n "hello"

hellostudent@administrator-HP-Pro-3330-MT:~\$ echo -e "hello"

hello

student@administrator-HP-Pro-3330-MT:~\$ echo -e "hello \n byeeee"

hello

byeeee

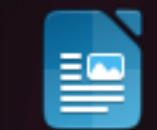
student@administrator-HP-Pro-3330-MT:~\$ echo -e "hello byeeee"

hello byeeee

student@administrator-HP-Pro-3330-MT:~\$ echo "hello \n byeeee"

hello \n byeeee

student@administrator-HP-Pro-3330-MT:~\$



student@administrator-HP-Pro-3330-MT: ~



student@administrator-HP-Pro-3330-MT: ~/kk

student@administrator-HP-Pro-3330-MT: ~

student@administrator-HP-Pro-3330-MT: ~/d1

```
163  etc kk
164  etc acts
165  echo -n "hello"
166  echo -e "hello"
167  echo -e "hello \n byeeee"
168  echo -e "hello byeeee"
169  echo "hello \n byeeee"
170  history
```

```
student@administrator-HP-Pro-3330-MT:~$ touch x1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ touch x2.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ echo "This is file1"
```

```
This is file1
```

```
student@administrator-HP-Pro-3330-MT:~$ nano x1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ nano x2.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ cat x1.txt
```

```
this is file1
```

```
welcome
```

```
Have a good day
```

```
student@administrator-HP-Pro-3330-MT:~$ cat x2.txt
```

```
this is file2
```

```
student@administrator-HP-Pro-3330-MT:~$ echo "ACTS" > x1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ cat x1.txt
```

```
ACTS
```

```
student@administrator-HP-Pro-3330-MT:~$ echo "Reputed Institute" >> x1.txt
```

```
student@administrator-HP-Pro-3330-MT:~$ cat x1.txt
```

```
ACTS
```

```
Reputed Institute
```

```
student@administrator-HP-Pro-3330-MT:~$ echo $?
```

```
0
```

```
student@administrator-HP-Pro-3330-MT:~$
```