

```
pwd
```

```
mkdir toys_preschool
```

```
ll
```

```
mkdir toys_school
```

```
cd toys_school
```

```
touch robots
```

```
touch constructor
```

```
touch board_games
```

```
cd toys_preschool
```

```
pwd
```

```
cd ..
```

```
cd toys_preschool
```

```
touch stuffed_toys
```

```
touch dools
```

```
mv dools dolls
```

```
touch cars
```

```
cd ..
```

```
mkdir toys_name
```

```
cp -r toys_preschool/ toys_name
```

```
cp -r toys_school/ toys_name
```

```
cd toys_name
```

```
ll
```

```
cd ..
```

```
mv toys_name toys
```

ll

cd toys

ll

snap list

snap remove opera

sudo snap install opera

cd ..

crontab -l

cd /etc

crontab -l

crontab -e

crontab -l

history

```
Activities Terminal Mar 2 11:28 en
anna@anna-VirtualBox: /etc

anna@anna-VirtualBox:~$ pwd
/home/anna
anna@anna-VirtualBox:~$ mkdir toys_preschool
anna@anna-VirtualBox:~$ ll
total 332
drwxrwxrwx 19 anna anna 4096 mar 2 10:47 ./
drwxr-xr-x 4 root root 4096 anp 17 16:28 ../
-rw-r----- 1 anna anna 2598 anp 21 12:59 .bash_history
-rw-r--r-- 1 anna anna 220 map 30 17:31 .bash_logout
-rw-r--r-- 1 anna anna 3771 map 30 17:31 .bashrc
drwx----- 14 anna anna 4096 map 31 12:56 .cache/
-rw-rw-r-- 1 anna anna 197 anp 26 22:36 clean.sh
drwx----- 14 anna anna 4096 map 31 12:58 .config/
drwxr-xr-x 2 anna anna 4096 map 30 18:08 Desktop/
drwxrwxr-x 2 anna anna 4096 anp 26 22:35 dhajs/
drwxr-xr-x 2 anna anna 4096 map 30 18:08 Documents/
drwxr-xr-x 2 anna anna 4096 map 30 18:08 Downloads/
-rw-r--r-- 1 anna anna 0 anp 18 14:06 file1-URFjY
lrwxrwxrwx 1 anna anna 5 anp 4 14:33 file3 -> file1
-rw-rw-r-- 1 anna anna 16 anp 20 10:00 hosts
-rw-rw-r-- 1 anna anna 551 anp 20 09:56 iptables.rules
-rw-r----- 1 anna anna 20 map 30 18:44 .lessht
drwx----- 3 anna anna 4096 map 30 18:08 .local/
drwxr-xr-x 2 anna anna 4096 map 30 18:08 Music/
drwxrwxr-x 2 anna anna 4096 anp 4 14:50 new_dir/
drwxrwsr-x 3 anna anna 4096 anp 17 16:56 newdir/
-rw-rw-r-- 1 anna anna 81 anp 4 14:32 new_file2
-rw-rw-r-- 1 anna anna 81 anp 4 14:31 new_file4
drwxr-xr-x 2 anna anna 4096 map 30 18:08 Pictures/
-rw-r--r-- 1 anna anna 807 map 30 17:31 .profile
drwxr-xr-x 2 anna anna 4096 map 30 18:08 Public/
drwxrwx--- 1 root vboxsf 196608 anp 30 19:54 shared/
drwx----- 3 anna anna 4096 map 30 18:08 snap/
-rw-r--r-- 1 anna anna 0 map 30 18:18 .sudo_as_admin_successful
-rw-rw-r-- 1 anna anna 1 anp 26 22:10 task1
```

```
Activities Terminal May 2 11:29 en
anna@anna-VirtualBox: /etc

anna@anna-VirtualBox:~$ mkdir toys_school
anna@anna-VirtualBox:~$ cd toys_school
anna@anna-VirtualBox:~/toys_school$ touch robots
anna@anna-VirtualBox:~/toys_school$ touch constructor
anna@anna-VirtualBox:~/toys_school$ touch board games
anna@anna-VirtualBox:~/toys_school$ cd toys_preschool
bash: cd: toys_preschool: No such file or directory
anna@anna-VirtualBox:~/toys_school$ pwd
/home/anna/toys_school
anna@anna-VirtualBox:~/toys_school$ cd ..
anna@anna-VirtualBox:~$ cd toys_preschool
anna@anna-VirtualBox:~/toys_preschool$ touch stuffed_toys
anna@anna-VirtualBox:~/toys_preschool$ touch dools
anna@anna-VirtualBox:~/toys_preschool$ mv dools dolls
anna@anna-VirtualBox:~/toys_preschool$ touch cars
anna@anna-VirtualBox:~/toys_preschool$ cd ..
anna@anna-VirtualBox:~$ mkdir toys_name
anna@anna-VirtualBox:~$ cp toys_preschool/toys_name -r
cp: missing destination file operand after 'toys_preschool/toys_name'
Try 'cp --help' for more information.
anna@anna-VirtualBox:~$ cp --help
Usage: cp [OPTION]... [-T] SOURCE DEST
or: cp [OPTION]... SOURCE... DIRECTORY
or: cp [OPTION]... -t DIRECTORY SOURCE...
Copy SOURCE to DEST, or multiple SOURCE(s) to DIRECTORY.

Mandatory arguments to long options are mandatory for short options too.
-a, --archive                same as -dr --preserve=all
--attributes-only            don't copy the file data, just the attributes
--backup[=CONTROL]          make a backup of each existing destination file
-b                           like --backup but does not accept an argument
--copy-contents              copy contents of special files when recursive
-d                           same as --no-dereference --preserve=links
-f, --force                  if an existing destination file cannot be
                             opened, remove it and try again (this option
                             is ignored when the -n option is also used)
-i, --interactive            prompt before overwrite (overrides a previous -n
                             option)
-H                           follow command-line symbolic links in SOURCE
-l, --link                   hard link files instead of copying
```

```
Activities Terminal May 2 11:29 en
anna@anna-VirtualBox: /etc

cp: -r not specified; omitting directory 'toys_preschool/'
anna@anna-VirtualBox:~$ cp -r toys_preschool/ toys_name
anna@anna-VirtualBox:~$ cp -r toys_school/ toys_name
anna@anna-VirtualBox:~$ cd toys_name
anna@anna-VirtualBox:~/toys_name$ ll
total 16
drwxrwxr-x 4 anna anna 4096 May 2 11:03 ./
drwxrwxrwx 21 anna anna 4096 May 2 11:00 ../
drwxrwxr-x 2 anna anna 4096 May 2 11:03 toys_preschool/
drwxrwxr-x 2 anna anna 4096 May 2 11:03 toys_school/
anna@anna-VirtualBox:~/toys_name$ ll
total 16
drwxrwxr-x 4 anna anna 4096 May 2 11:03 ./
drwxrwxrwx 21 anna anna 4096 May 2 11:00 ../
drwxrwxr-x 2 anna anna 4096 May 2 11:03 toys_preschool/
drwxrwxr-x 2 anna anna 4096 May 2 11:03 toys_school/
anna@anna-VirtualBox:~/toys_name$ cd ..
anna@anna-VirtualBox:~$ mv toys_name toys
anna@anna-VirtualBox:~$ ll
total 340
drwxrwxrwx 21 anna anna 4096 May 2 11:04 ./
drwxr-xr-x 4 root root 4096 Apr 17 16:28 ../
-rw-r--r-- 1 anna anna 2598 Apr 21 12:59 .bash_history
-rw-r--r-- 1 anna anna 220 Mar 30 17:31 .bash_logout
-rw-r--r-- 1 anna anna 3771 Mar 30 17:31 .bashrc
drwx----- 14 anna anna 4096 Mar 31 12:56 .cache/
-rw-rw-r-- 1 anna anna 187 Apr 26 22:36 clean.sh
drwx----- 14 anna anna 4096 Mar 31 12:58 .config/
drwxr-xr-x 2 anna anna 4096 Mar 30 18:08 Desktop/
drwxrwxr-x 2 anna anna 4096 Apr 26 22:35 dhajs/
drwxr-xr-x 2 anna anna 4096 Mar 30 18:08 Documents/
drwxr-xr-x 2 anna anna 4096 Mar 30 18:08 Downloads/
-rw-r--r-- 1 anna anna 0 Apr 18 14:06 file1-URFjrY
lrwxrwxrwx 1 anna anna 5 Apr 4 14:33 file1 -> file1
-rw-rw-r-- 1 anna anna 16 Apr 20 10:00 hosts
-rw-rw-r-- 1 anna anna 551 Apr 20 09:56 iptables.rules
-rw----- 1 anna anna 20 Mar 30 18:44 .lessht
drwx----- 3 anna anna 4096 Mar 30 18:08 .local/
drwxr-xr-x 2 anna anna 4096 Mar 30 18:08 Music/
drwxrwxr-x 2 anna anna 4096 Apr 4 14:50 new_dir/
```

```
Activities Terminal Mar 2 11:29 en
anna@anna-VirtualBox: /etc

anna@anna-VirtualBox:~/toys$ snap list
Name          Version      Rev  Tracking      Publisher      Notes
bare          1.0          5    latest/stable canonical✓      base
chromium-ffmpeg 0.1          30   latest/stable canonical✓      -
core18        20230320    2721 latest/stable canonical✓      base
core20        20230308    1852 latest/stable canonical✓      base
core22        20230404    617  latest/stable canonical✓      base
firefox       112.0.1-1   2579 latest/stable/ mozilla✓      -
gnome-3-28-1804 3.28.0-19-g98f9e67.98f9e67 198  latest/stable canonical✓      -
gnome-3-38-2004 0+git.6f39565 140  latest/stable/ canonical✓      -
gnome-42-2204   0+git.587e965 99   latest/stable canonical✓      -
gtk-common-themes 0.1-81-g442e511 1535 latest/stable/ canonical✓      -
opera          98.0.4759.15 230  latest/stable opera-software✓ -
snap-store     41.3-66-gfe1e325 638  latest/stable/ canonical✓      -
snapd          2.59.1       18933 latest/stable canonical✓      snapd
snapd-desktop-integration 0.1          57   latest/stable/ canonical✓      -

anna@anna-VirtualBox:~/toys$ snap remove opera
opera removed
anna@anna-VirtualBox:~/toys$ sudo snap install opera
opera 98.0.4759.15 from Opera (opera-software✓) installed
anna@anna-VirtualBox:~/toys$ cd ..
anna@anna-VirtualBox:~$ crontab -l
no crontab for anna
anna@anna-VirtualBox:~$ cd /etc/crontab
bash: cd: /etc/crontab: Not a directory
anna@anna-VirtualBox:~$ sudo cd /etc
sudo: cd: command not found
sudo: "cd" is a shell built-in command, it cannot be run directly.
sudo: the -s option may be used to run a privileged shell.
sudo: the -D option may be used to run a command in a specific directory.
anna@anna-VirtualBox:~$ cd /etc
anna@anna-VirtualBox:/etc$ crontab -l
no crontab for anna
anna@anna-VirtualBox:/etc$ sudo crontab -l
no crontab for root
anna@anna-VirtualBox:/etc$ ll
total 1180
drwxr-xr-x 140 root root 12288 anp 26 21:40 ./
drwxr-xr-x 20 root root 4096  map 30 17:29 ../
drwxr-xr-x 3 root root 4096  feb 23 06:59 acpi/
```

```
Activities Terminal Mar 2 11:30 en
anna@anna-VirtualBox: /etc

anna@anna-VirtualBox:/etc$ crontab -e
no crontab for anna - using an empty one

Select an editor. To change later, run 'select-editor'.
 1. /bin/nano        <---- easiest
 2. /usr/bin/mcedit
 3. /usr/bin/vim.tiny
 4. /bin/ed

Choose 1-4 [1]: 1
crontab: installing new crontab
anna@anna-VirtualBox:/etc$ crontab -l
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').
#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 3 * * * * echo dool > /home/anna/toys/toys_preschool/dolls
# For more information see the manual pages of crontab(5) and cron(8)
#
# m h dom mon dow   command
anna@anna-VirtualBox:/etc$ history
1 sudo apt update
2 mc
3 sudo apt install mc
4 mc
5 sudo apt uninstall mc
```