

Thu 16:04

raju@raju-HP-Laptop-15-bs1xx: ~/rc_c

```
es.desktop lena_rotate.bmp me.txt op.c      Public  rc_c    rc_s:  
mp          matchanal.py  Music   Pictures  qw.c    rc_hw   rc_t:  
.jpg  datasets  lena.bmp           salt_n_pepper.bmp  se05  
lena1.bmp  saltandpeppernoise.jpeg  se04  xampi  
  
untwords.cpp d2b_part2.cpp  homework_ds      possible_combinat  
b.cpp        gp.cpp       largest_island.cpp  reverse_words_in_  
h1.cpp  
h2.cpp  
/  
p  
pp  
ementtriangle.cpp  
words.cpp  
pp  
art2.cpp  
p  
ork_ds  
st_island.cpp  
ble_combinations_backtracking.cpp  
se_words_in_sentence.cpp  
g.cpp  
g.cpp  
rray.cpp  
gle.cpp
```

Essential Linux File Commands

Discover the power of Linux file commands and unleash your productivity with these essential tools for navigating, creating, managing, and securing files.



by **Himaswi .p**

Basic File Commands

1 `ls`

List files and directories.

2 `touch`

Create an empty file.

3 `cat`

Display the contents of a file.



Made with Gamma



Navigating the File System

1 `cd`

Change to a different directory.

2 `pwd`

Show the current working directory.

3 `..`

Move one directory up.

Creating Directories

1 `mkdir`

Create one or more directories.

2 `mkdir -p`

Create parent directories if they don't exist.

3 `mkdir -m`

Create directories with specific permissions.

2. bash

```
e anastasialanz$ ls
```

```
e anastasialanz$ mkdir MyDirectory
```

```
e anastasialanz$ ls
```

```
.html
```

```
e anastasialanz$ rmdir MyDirectory/
```

```
e anastasialanz$ ls
```

```
e anastasialanz$
```

Listing Directory Contents

1 ls -l

List files and directories in long format.

2 ls -a

List all files, including hidden ones.

3 ls -h

Print sizes in human-readable format.

```
Applications Places System
rvarago@rvnote: ~
File Edit View Search Terminal Help
LS(1)

NAME
    ls - list directory contents

SYNOPSIS
    ls [OPTION]... [FILE]...

DESCRIPTION
List information about the FILEs (the current directory by default).
Mandatory arguments to long options are mandatory for short options too.

-a, --all
        do not ignore entries starting with .
-A, --almost-all
        do not list implied . and ..
--author
        with -l, print the author of each file
-b, --escape
        print C-style escapes for nongraphic characters
--block-size=SIZE
        scale sizes by SIZE before printing them; e.g., '--block-size=1024'
-B, --ignore-backups
        do not list implied entries ending with ~
-c
        with -lt: sort by, and show, ctime (time of last modification)
        newest first
-C
        list entries by columns
--color[=WHEN]
        colorize the output; WHEN can be 'always' (default if no color support)
-d, --directory
        list directories themselves, not their contents
-D, --dired
        generate output designed for Emacs' dired mode
-f
        do not sort, enable -AU,
Manual page ls(1) line 1 (press h for help)
Comandos Básicos no ... rvarago@rvnote: ~
```

```
python@ubuntu:~/Desktop  
jon@ubuntu:~/Desktop$ tree  
a.txt  
  
1 directory, 1 file  
jon@ubuntu:~/Desktop$ cp a.txt ./a_copy  
jon@ubuntu:~/Desktop$ mkdir -p a/b/c  
jon@ubuntu:~/Desktop$ cp -r a test  
jon@ubuntu:~/Desktop$ tree  
  
a  
└── b  
    └── c  
        └── a_copy.txt  
a.txt  
test  
└── b  
    └── c  
  
1 directory, 2 files  
jon@ubuntu:~/Desktop$
```

Copying, Moving, and Renaming Files

1 **cp**

Copy files and directories.

2 **mv**

Move or rename files and directories.

3 **rsync**

Synchronize files and directories.

Deleting Files and Directories

1 `rm`

Delete files and directories.

2 `rm -r`

Recursively delete directories.

3 `rm -f`

Force delete without confirmation.



Permissions and Ownership

1 chmod

Change file permissions.

2 chown

Change file owner and group.

3 chgrp

Change group ownership of files and directories.

-zsh

```
wn Guide % ls -l
```

```
e staff 1073 Oct 26 2017 208x128.png
e staff 416 Jul 2 2020 cover
e staff 992 Sep 28 2018 dillinger
e staff 2834 Mar 2 2017 draft-content
e staff 1184 Jun 28 16:55 markdown-guide
e staff 480 Nov 1 2019 markdown-guide
e staff 480 Jun 24 2020 markdown-guide
e staff 128 Oct 3 2019 markdown-test
e staff 4940 Oct 26 2017 newicon.png
e staff 576 Sep 28 2018 old-markdown-
e staff 576 Sep 28 2018 really-old-ma
e staff 160 Oct 8 2019 test-gh-pages
e staff 96 Jan 10 2020 test-mkdocs
wn Guide % chmod 755 markdown-guide
```