

## FILE OPERATION:

# Create a file named one.txt

```
touch one.txt
```

# Type "Hello World" into one.txt

```
echo "Hello World" > one.txt
```

# Print the content of one.txt

```
cat one.txt
```

# Create a folder named story

```
mkdir story
```

# Move one.txt into the folder story

```
mv one.txt story/
```

# Copy one.txt inside the folder story as two.txt

```
cp story/one.txt story/two.txt
```

# Print the content of both files

```
cat story/one.txt
```

```
cat story/two.txt
```

# Rename one.txt to part\_one.txt and two.txt to part\_two.txt

```
mv story/one.txt story/part_one.txt
```

```
mv story/two.txt story/part_two.txt
```

# Type "I am a junior at BeCode." into story/part\_two.txt

```
echo "I am a junior at BeCode." > story/part_two.txt
```

# Print the content of both files simultaneously

```
cat story/part_one.txt story/part_two.txt
```

# Remove the folder story and all its content (First way)

```
rm -r story
```

# Remove the folder story and all its content (Second way)

```
rmdir story
```

## NAVIGATION:

# Print your location on the screen

```
pwd
```

# Print the content of your current directory

```
ls
```

# Print the content of /

```
ls /
```

# Move to the folder /bin

```
cd /bin
```

# Print your new location

`pwd`

# Go back to your home folder

`cd ~`

# Optional: Use pushd and popd to move to any location and then back to the previous location

`pushd /path/to/destination`

`Popd`

## **PACKAGE MANAGER:**

# Update all the packages on your system

`sudo apt-get update`

`sudo apt-get upgrade`

# Search if your distribution has chromium

`apt-cache search chromium`

# Install chromium

`sudo apt-get install chromium-browser`

# Launch chromium

`chromium-browser`

# Remove chromium

`sudo apt-get remove chromium-browser`

## **PERMISSIONS:**

# Create a file

`touch myfile.txt`

# Check the owner and group of the file

`ls -l myfile.txt`

# Change its owner to root

`sudo chown root myfile.txt`

# Change its group to root

`sudo chgrp root myfile.txt`

# Check the file's permissions

`ls -l myfile.txt`

# Give all rights to owner and group, but none to others

`sudo chmod ug=rwx,o= myfile.txt`

# Try to print the file on screen (may fail due to permissions)

`cat myfile.txt`

# Print the file with root privileges

`sudo cat myfile.txt`

# RTFM - Read the Frickin' Manual

# Type `man man` to open the manual for the man command

**man man**

# Hit the 'h' key to access the help page within the manual

# (You can navigate through the manual using arrow keys and other navigation keys)

# To exit the manual, simply press the 'q' key

# Use whatis to get a brief description of the man command

**whatis man**

# Use whatis to get a brief description of the whatis command

**whatis whatis**

# Use the help flag to get information on how to use whatis

**whatis --help**

# Learn about the ls command using the man page

**man ls**

# Learn about the cp command using the man page

**man cp**

# Learn about the pwd command using the man page

**man pwd**

## Discover the Terminal:

# Move to your desktop folder

**cd ~/Desktop**

# Check the current directory

**pwd**

# Create a file text.txt

**touch text.txt**

# Open the file in an editor (e.g., nano) and write a line of text

**nano text.txt**

# Make a folder called Octocat

**mkdir Octocat**

# Go to your new Octocat folder

**cd Octocat**

# Create the file yolo.md and add your name

**echo "NTSAPI" > yolo.md**

# Create the file readme.md and write a paragraph of text

echo "My text" > readme.md

# Create a file with your first and last name and write why you want to be a BeCode Developer

echo "My reason is in my command line in linux" > Betta\_Ntsapi.md

# Remove the file text.txt

rm text.txt

# List the contents of the Octocat directory

ls

# Create the folder Skills and create a file successful.md with your computer skills

mkdir Skills

echo "My skills are listed in my linux command line" > Skills/successful.md

# Create the folder becode\_projects

mkdir becode\_projects

# Press CTRL+R keys to search for previous commands

(This is a shortcut for searching command history)

## TEXT EDITOR:

# Create the file text.txt with nano

nano text.txt

(insert text then Ctrl x to save, y for confirmation and enter to exit)

# Remove text.txt

rm text.txt

# Create the file text.txt with vim

vim text.txt

(Type the content into the editor, then press Esc to enter command mode, type :wq and press Enter to save and exit)