

LINUX COMMANDS

Basic Commands:

1.

```
help # Shows you basic commands and there use.
```

2.

```
man # shows you complete manual of that command or program.
```

3.

```
ls # List all the folders and files of a directory where you present
```

4.

```
cd # change director (one folder to another)
```

5.

```
dir # same as ls command
```

6.

```
pwd # print working directory where you present
```

7.

```
mkdir # creates a directory (folder).
```

8.

```
mv # move a file or folder
```

9.

```
cp # copy a file or folder
```

10.

```
rm # remove (delete) a file or folder
```

11.

```
cat # shows content of a file
```

12.

```
chmod # change directory or file permission
```

Advanced Commands:

1.

```
nano # Linux file editor
```

2.

```
gedit # File editor with GUI
```

3.

```
less # page viewing  
more # page viewing
```

4.

```
top # process monitoring  
htop # -----
```

5.

```
df # disk space usage
```

6.

```
du # directory size
```

7.

```
ps # process list
```

8.

```
ping # test network connectivity
```

9.

```
ifconfig # network interface details  
ip # -----
```

Services installer Commands:

- **apt** (Advanced Packaging Tool) is a service installer in linux.
- All services which using in CLI(command line interface) are install by apt.
- apt is already builtin linux environment.
- Apt is updating time to time so, first we needed to update apt for install any services, using this command:

```
apt update # update apt into newer version
```

- Install any service using this command:

```
apt install <service_name> # install any service
```

- Upgrade all services which have installed command:

```
apt upgrade # upgrade all packages
```

- Solve apt installing errors using this command:

```
apt install --fix-broken  
apt install --fix-missing
```

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