What is command?

A **command** is an instruction given by a user telling a computer to do something, such a run a single program or a group of linked programs.
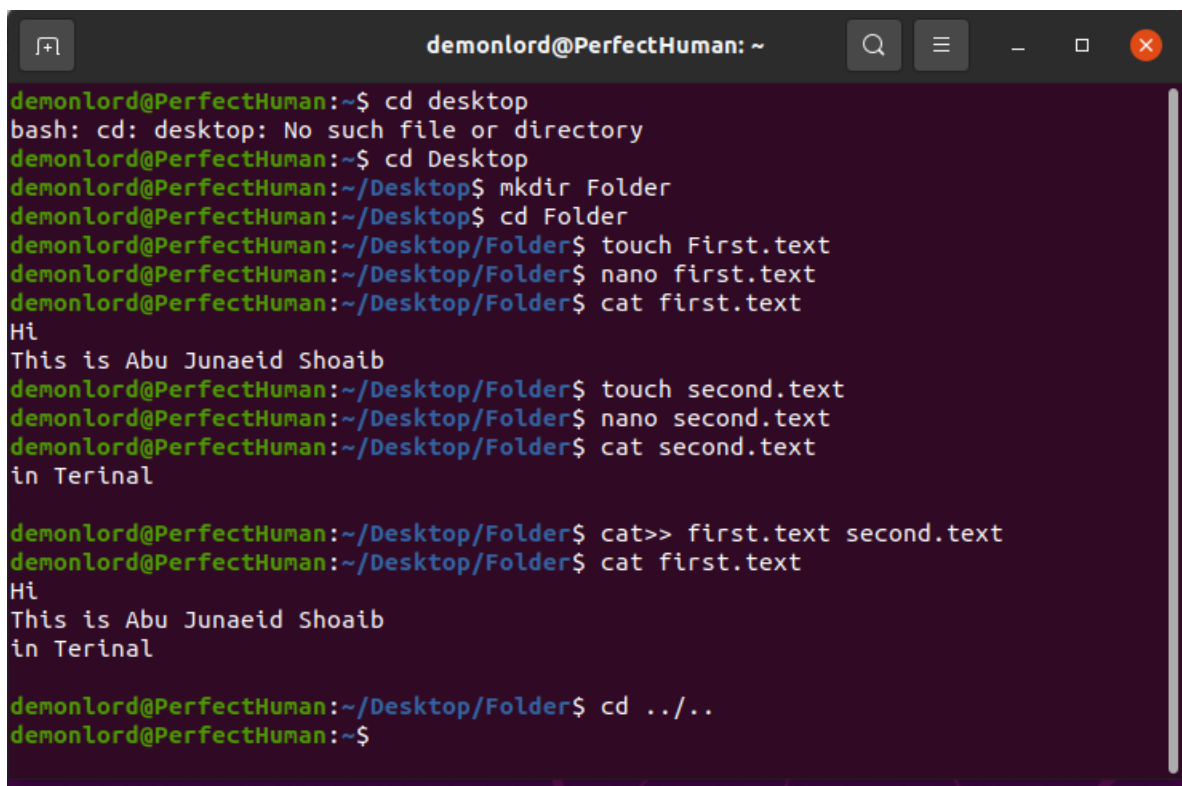
Why we use command?

Linux is a Unix-Like operating system. All the Linux/Unix commands are run in the terminal provided by the Linux system. This terminal is just like the command prompt of Windows OS. The terminal can be used to accomplish all Administrative tasks.

1. Touch command to create new file

2. Nano command to open file and to create new file.

3. Cat command to view files and to concatenate files

4.mv command to move files

5. rm command to remove files

6. gzip and gunzip command to create zip and extract a zipped file.

We can find all available detailed options using --help

for example mv --help

```
demonlord@PerfectHuman:~$ cd desktop
bash: cd: desktop: No such file or directory
demonlord@PerfectHuman:~$ cd Desktop
demonlord@PerfectHuman:~/Desktop$ mkdir Folder
demonlord@PerfectHuman:~/Desktop$ cd Folder
demonlord@PerfectHuman:~/Desktop/Folder$ touch First.text
demonlord@PerfectHuman:~/Desktop/Folder$ nano first.text
demonlord@PerfectHuman:~/Desktop/Folder$ cat first.text
Hi
This is Abu Junaeid Shoaib
demonlord@PerfectHuman:~/Desktop/Folder$ touch second.text
demonlord@PerfectHuman:~/Desktop/Folder$ nano second.text
demonlord@PerfectHuman:~/Desktop/Folder$ cat second.text
in Terinal

demonlord@PerfectHuman:~/Desktop/Folder$ cat>> first.text second.text
demonlord@PerfectHuman:~/Desktop/Folder$ cat first.text
Hi
This is Abu Junaeid Shoaib
in Terinal

demonlord@PerfectHuman:~/Desktop/Folder$ cd ../..
demonlord@PerfectHuman:~$
```

```
demonlord@PerfectHuman:~/Desktop$ cp /home/demonlord/Desktop/Folder/first.text /
home/demonlord/Desktop/practice
demonlord@PerfectHuman:~/Desktop$ ^C
demonlord@PerfectHuman:~/Desktop$ cd practice
demonlord@PerfectHuman:~/Desktop/practice$ ls
first.text
demonlord@PerfectHuman:~/Desktop/practice$
```

```
demonlord@PerfectHuman:~/Desktop/practice$ ls
first.text
demonlord@PerfectHuman:~/Desktop/practice$ rm -r first.text
demonlord@PerfectHuman:~/Desktop/practice$ ls
demonlord@PerfectHuman:~/Desktop/practice$ cd ..
demonlord@PerfectHuman:~/Desktop$ cd Folder
demonlord@PerfectHuman:~/Desktop/Folder$ ls -l
total 8
-rw-rw-r-- 1 demonlord demonlord 43 এপ্রিল      7 13:57 first.text
-rw-rw-r-- 1 demonlord demonlord  0 এপ্রিল      7 13:42 First.text
-rw-rw-r-- 1 demonlord demonlord 12 এপ্রিল      7 13:56 second.text
demonlord@PerfectHuman:~/Desktop/Folder$ chmod -r second.text
demonlord@PerfectHuman:~/Desktop/Folder$ ls -l
total 8
-rw-rw-r-- 1 demonlord demonlord 43 এপ্রিল      7 13:57 first.text
-rw-rw-r-- 1 demonlord demonlord  0 এপ্রিল      7 13:42 First.text
--w--w---- 1 demonlord demonlord 12 এপ্রিল      7 13:56 second.text
demonlord@PerfectHuman:~/Desktop/Folder$ chmod +r second.text
demonlord@PerfectHuman:~/Desktop/Folder$ ls -l
total 8
-rw-rw-r-- 1 demonlord demonlord 43 এপ্রিল      7 13:57 first.text
-rw-rw-r-- 1 demonlord demonlord  0 এপ্রিল      7 13:42 First.text
-rw-rw-r-- 1 demonlord demonlord 12 এপ্রিল      7 13:56 second.text
demonlord@PerfectHuman:~/Desktop/Folder$
```

```
demonlord@PerfectHuman:~/Desktop$ rem -r Folder

Command 'rem' not found, but can be installed with:

sudo snap install rem      # version 0.13.4, or
sudo apt  install remind  # version 03.03.00-1

See 'snap info rem' for additional versions.

demonlord@PerfectHuman:~/Desktop$ rm -r Folder
demonlord@PerfectHuman:~/Desktop$ l.s

Command 'l.s' not found, did you mean:

  command 'lrs' from deb lrslib (0.70-3)
  command 'lvs' from deb lvm2 (2.03.07-1ubuntu1)
  command 'ls' from deb coreutils (8.30-3ubuntu2)
  command 'les' from deb atm-tools (1:2.5.1-4)

Try: sudo apt install <deb name>

demonlord@PerfectHuman:~/Desktop$ ls
practice
demonlord@PerfectHuman:~/Desktop$
```