

VIT Chennai

B.Tech. CSE Core

20BCE1724

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Commands:

mkdir my_directory

cd my_directory

touch my_file.txt

ls

touch my_file.txt

mv my_file.txt new_file.txt

less new_file.txt

echo "Hello, World!" >> new_file.txt

mkdir backup

mv new_file.txt backup/

ls backup/

rm -r backup/

touch my_script.sh

nano my_script.sh

chmod +x my_script.sh

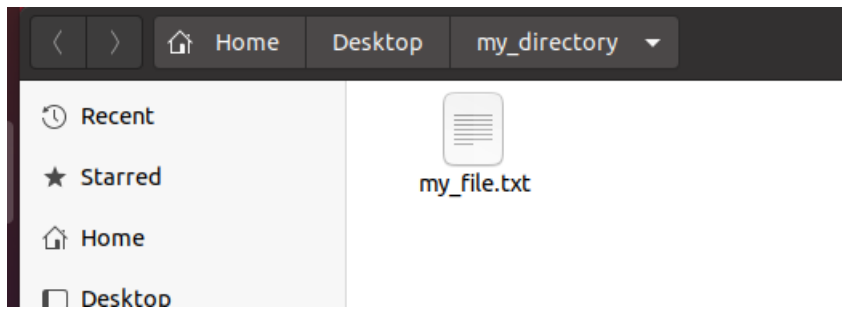
./my_script.sh

ps -e

ps -e | grep bash

ps -e | grep bash | wc -l

```
rahul@rahul-VirtualBox:~/Desktop/cybersec$ cd ..
rahul@rahul-VirtualBox:~/Desktop$ mkdir my_directory
rahul@rahul-VirtualBox:~/Desktop$ cd my_directory
rahul@rahul-VirtualBox:~/Desktop/my_directory$ touch my_file.txt
rahul@rahul-VirtualBox:~/Desktop/my_directory$
```



```
rahul@rahul-VirtualBox:~/Desktop/my_directory$ touch my_file.txt
rahul@rahul-VirtualBox:~/Desktop/my_directory$ ls
my_file.txt
rahul@rahul-VirtualBox:~/Desktop/my_directory$ mv my_file.txt new_file.txt
rahul@rahul-VirtualBox:~/Desktop/my_directory$ ls
new_file.txt
rahul@rahul-VirtualBox:~/Desktop/my_directory$
```

```
rahul@rahul-VirtualBox:~/Desktop/my_directory$ less new_file.txt
```

```
The story follows a player character known as the Inquisitor
on a journey to settle the civil unrest in the continent of Thedas
and close a mysterious tear in the sky called the "Breach",
which is unleashing dangerous demons upon the world.
```

```
new_file.txt (END)
```

```
rahul@rahul-VirtualBox:~/Desktop/my_directory$ echo "Hello, World!" >> new_file.txt
rahul@rahul-VirtualBox:~/Desktop/my_directory$ less new_file.txt
```

```
The story follows a player character known as the Inquisitor
on a journey to settle the civil unrest in the continent of Thedas
and close a mysterious tear in the sky called the "Breach",
which is unleashing dangerous demons upon the world.
Hello, World!
```

```
new_file.txt (END)
```

```
rahul@rahul-VirtualBox:~/Desktop/my_directory$ mkdir backup
rahul@rahul-VirtualBox:~/Desktop/my_directory$ mv new_file.txt backup/
rahul@rahul-VirtualBox:~/Desktop/my_directory$ ls backup/
new_file.txt
```

```
rahul@rahul-VirtualBox:~/Desktop/my_directory$ rm -r backup/
rahul@rahul-VirtualBox:~/Desktop/my_directory$ ls
rahul@rahul-VirtualBox:~/Desktop/my_directory$
```

```
rahul@rahul-VirtualBox:~/Desktop/my_directory$ touch my_script.sh
rahul@rahul-VirtualBox:~/Desktop/my_directory$ nano my_script.sh
```

```
GNU nano 4.8
#!/bin/bash
echo "Welcome to my script!"
echo "Today's date is $(date)."
```

```
rahul@rahul-VirtualBox:~/Desktop/my_directory$ chmod +x my_script.sh
rahul@rahul-VirtualBox:~/Desktop/my_directory$ ./my_script.sh
Welcome to my script!
Today's date is Sunday 28 May 2023 04:06:56 PM IST.
rahul@rahul-VirtualBox:~/Desktop/my_directory$
```

```
rahul@rahul-VirtualBox:~/Desktop/my_directory$ ps -e
```

PID	TTY	TIME	CMD
1	?	00:00:01	systemd
2	?	00:00:00	kthreadd
3	?	00:00:00	rcu_gp
4	?	00:00:00	rcu_par_gp
5	?	00:00:00	netns
7	?	00:00:00	kworker/0:0H-events_highpri
9	?	00:00:00	kworker/0:1H-events_highpri
10	?	00:00:00	mm_percpu_wq
11	?	00:00:00	rcu_tasks_rude_
12	?	00:00:00	rcu_tasks_trace
13	?	00:00:00	ksoftirqd/0
14	?	00:00:03	rcu_sched
15	?	00:00:00	migration/0
16	?	00:00:00	idle_inject/0
17	?	00:00:01	kworker/0:1-events
18	?	00:00:00	cpuhp/0
19	?	00:00:00	cpuhp/1
20	?	00:00:00	idle_inject/1
21	?	00:00:00	migration/1
22	?	00:00:00	ksoftirqd/1
24	?	00:00:00	kworker/1:0H-events_highpri
25	?	00:00:00	cpuhp/2
26	?	00:00:00	idle_inject/2
27	?	00:00:00	migration/2
28	?	00:00:00	ksoftirqd/2
30	?	00:00:00	kworker/2:0H-events_highpri
31	?	00:00:00	cpuhp/3
32	?	00:00:00	idle_inject/3
33	?	00:00:00	migration/3
34	?	00:00:00	ksoftirqd/3
36	?	00:00:00	kworker/3:0H-events_highpri
37	?	00:00:00	cpuhp/4
38	?	00:00:00	idle_inject/4
39	?	00:00:00	migration/4
40	?	00:00:00	ksoftirqd/4

```

2169 pts/0      00:00:00 bash
2198 ?          00:00:02 kworker/5:1-events
2207 ?          00:00:00 kworker/4:1-events
2313 ?          00:00:00 kworker/3:1-cgroup_destroy
2314 ?          00:00:00 kworker/1:2-events
2672 ?          00:00:01 file-roller
3377 ?          00:00:00 kworker/4:2-events
3408 ?          00:00:49 firefox
3454 ?          00:00:00 xdg-desktop-por
3458 ?          00:00:00 xdg-document-po
3468 ?          00:00:00 xdg-desktop-por
3501 ?          00:00:00 Socket Process
3543 ?          00:00:02 file:// Content
3597 ?          00:00:01 WebExtensions
3659 ?          00:00:03 Privileged Cont
3662 ?          00:00:00 Web Content
3701 ?          00:00:00 Web Content
3732 ?          00:00:00 Web Content
4483 ?          00:00:08 update-manager
4606 ?          00:00:00 kworker/u12:3-events_unbound
4678 ?          00:00:00 kworker/1:1-events
4683 ?          00:00:00 kworker/u12:1-events_unbound
4695 ?          00:00:09 nautilus
4712 ?          00:00:00 kworker/0:0-events
4728 ?          00:00:00 kworker/2:3-events
4847 ?          00:00:00 kworker/u12:0-events_power_efficient
5036 pts/0      00:00:00 ps
rahul@rahul-VirtualBox:~/Desktop/my_directory$ ps -e | grep bash
2169 pts/0      00:00:00 bash
rahul@rahul-VirtualBox:~/Desktop/my_directory$ ps -e | grep bash | wc -l
1
rahul@rahul-VirtualBox:~/Desktop/my_directory$

```