

```
Terminal - universe@acer1: ~/Desktop/9152
File Edit View Terminal Tabs Help
universe@acer1:~$ cd Desktop
universe@acer1:~/Desktop$ mkdir 9152
universe@acer1:~/Desktop$ cd 9152
universe@acer1:~/Desktop/9152$ ps
  PID TTY          TIME CMD
 1875 pts/0    00:00:00 bash
 2115 pts/0    00:00:00 ps
universe@acer1:~/Desktop/9152$ ps -a
  PID TTY          TIME CMD
 2116 pts/0    00:00:00 ps
universe@acer1:~/Desktop/9152$ ps --help

Usage:
ps [options]

Try 'ps --help <simple|list|output|threads|misc|all>'
  or 'ps --help <s|l|o|t|m|a>'
for additional help text.

For more details see ps(1).
universe@acer1:~/Desktop/9152$ man ps
universe@acer1:~/Desktop/9152$
```

```
universe@acer1:~$ cd Desktop
universe@acer1:~/Desktop$ cd 9152
universe@acer1:~/Desktop/9152$ ps -e --sort=-%cpu | head -n 15
  PID TTY          TIME CMD
 1890 ?            00:03:41 firefox
 1316 tty7        00:00:34 Xorg
 2255 ?            00:00:00 xfce4-terminal
    6 ?            00:00:04 ksoftirqd/0
   17 ?            00:00:03 ksoftirqd/1
   23 ?            00:00:03 ksoftirqd/2
   29 ?            00:00:03 ksoftirqd/3
  931 ?            00:00:02 snapd
 1643 ?            00:00:03 xfwm4
 1645 ?            00:00:02 xfce4-panel
    1 ?            00:00:01 systemd
  110 ?            00:00:01 irq/120-xhci_hc
  255 ?            00:00:01 systemd-journal
 1133 ?            00:00:01 vdr
universe@acer1:~/Desktop/9152$ ps -e --sort=-%cpu | tail -n 15
 1789 ?            00:00:00 nm-applet
 1812 ?            00:00:00 gvfsd-metadata
 1813 ?            00:00:00 bluetoothd
 1832 ?            00:00:00 colord
 1925 ?            00:00:00 gconfd-2
 1926 ?            00:00:00 at-spi-bus-laun
 2056 ?            00:00:00 gvfsd-network
 2073 ?            00:00:00 gvfsd-dnssd
 2114 ?            00:00:00 kworker/3:0
 2118 ?            00:00:00 kworker/u8:2
 2172 ?            00:00:00 kworker/0:0
 2215 ?            00:00:00 kworker/1:0
 2218 ?            00:00:00 tumblerd
 2274 pts/0        00:00:00 ps
 2275 pts/0        00:00:00 tail
universe@acer1:~/Desktop/9152$
```

```
File Edit View Terminal Tabs Help
universe@acer1:~$ cd Desktop
universe@acer1:~/Desktop$ cd 9152
universe@acer1:~/Desktop/9152$ touch test
universe@acer1:~/Desktop/9152$ echo output > test
universe@acer1:~/Desktop/9152$ cat output
cat: output: No such file or directory
universe@acer1:~/Desktop/9152$ cat output.txt
Name: Hardik Prajapati
Roll :9152
universe@acer1:~/Desktop/9152$
```

```
SyntaxError: unexpected character after line continuation character
```

```
universe@acer1:~/Desktop/9152$ python2 hardik.py
```

```
hello
```

```
universe@acer1:~/Desktop/9152$ python2 hardik.py
```

```
Name: Hardik Prajapati
```

```
Roll :9152
```

```
universe@acer1:~/Desktop/9152$ cat > output.txt
```

```
bash: output.txt: Permission denied
```

```
universe@acer1:~/Desktop/9152$ cat > output.txt
```

```
Heyiasebhl universe@acer1:~/Desktop/9152$ python2 hardik.py > output.txt
```

```
universe@acer1:~/Desktop/9152$ cat > test.txt
```



Firefoxoff.png



hardik.py



output.txt



ps1.png



ps2.png

```
Terminal - universe@acer1: ~/Desktop/9152
File Edit View Terminal Tabs Help
[2] 2349
universe@acer1:~/Desktop/9152$ pidof firefox
1890
[2]- Done firefox
universe@acer1:~/Desktop/9152$ kill 1890
universe@acer1:~/Desktop/9152$ shutdown --help
shutdown [OPTIONS...] [TIME] [WALL...]

Shut down the system.

--help      Show this help
-H --halt    Halt the machine
-P --poweroff Power-off the machine
-r --reboot  Reboot the machine
-h          Equivalent to --poweroff, overridden by --halt
-k          Don't halt/power-off/reboot, just send warnings
--no-wall   Don't send wall message before halt/power-off/reboot
-c          Cancel a pending shutdown
universe@acer1:~/Desktop/9152$ shutdown -r 23:55
Shutdown scheduled for Wed 2023-02-01 23:55:00 IST, use 'shutdown -c' to cancel.
universe@acer1:~/Desktop/9152$ shutdown -c
universe@acer1:~/Desktop/9152$ chmod "u=x-r-w" hardik.py
universe@acer1:~/Desktop/9152$ chmod "u=r-w" output.txt
universe@acer1:~/Desktop/9152$
```



```
universe@acer1:~/Desktop/9152$ kill 1890
universe@acer1:~/Desktop/9152$ shutdown --help
shutdown [OPTIONS...] [TIME] [WALL...]
```

Shut down the system.

```
--help      Show this help
-H --halt    Halt the machine
-P --poweroff Power-off the machine
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-k           Don't halt/power-off/reboot, just send warnings
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-c           Cancel a pending shutdown
universe@acer1:~/Desktop/9152$ shutdown -r 23:55
Shutdown scheduled for Wed 2023-02-01 23:55:00 IST, use 'shutdown -c' to cancel.
universe@acer1:~/Desktop/9152$ shutdown -c
universe@acer1:~/Desktop/9152$
```

```
universe@acer1:~/Desktop/9152$ bg
bash: bg: current: no such job
universe@acer1:~/Desktop/9152$ sleep 100
^Z
[1]+  Stopped                  sleep 100
universe@acer1:~/Desktop/9152$ bg
[1]+ sleep 100 &
universe@acer1:~/Desktop/9152$ jobs
[1]+  Running                  sleep 100 &
universe@acer1:~/Desktop/9152$ fg
sleep 100
^Z
[1]+  Stopped                  sleep 100
universe@acer1:~/Desktop/9152$ jobs
[1]+  Stopped                  sleep 100
universe@acer1:~/Desktop/9152$ firefox &
[2] 2349
universe@acer1:~/Desktop/9152$ pidof firefox
1890
[2]-  Done                    firefox
universe@acer1:~/Desktop/9152$ kill 1890
universe@acer1:~/Desktop/9152$ □
```
