

```
File Machine View Input Devices Help

kali@kali: ~
File Actions Edit View Help
(kali@kali)-[~]
$ date
Sat May 6 04:17:45 AM EDT 2023

(kali@kali)-[~]
$ whoami
kali

(kali@kali)-[~]
$ who
kali          tty7          2023-05-05 04:30 (:0)

(kali@kali)-[~]
$ ls -al
total 148
drwx----- 16 kali kali 4096 May 6 04:17 .
drwxr-xr-x  3 root root 4096 Dec 5 08:43 ..
-rw-r--r--  1 kali kali  220 Dec 5 08:43 .bash_logout
-rw-r--r--  1 kali kali 5551 Dec 5 08:43 .bashrc
-rw-r--r--  1 kali kali 3526 Dec 5 08:43 .bashrc.original
drwxr-xr-x  9 kali kali 4096 May 5 04:55 .cache
drwxr-xr-x 11 kali kali 4096 May 5 04:30 .config
drwxr-xr-x  2 kali kali 4096 May 5 04:30 Desktop
-rw-r--r--  1 kali kali  35 May 6 04:16 .dmrc
drwxr-xr-x  4 kali kali 4096 May 5 04:53 Documents
drwxr-xr-x  2 kali kali 4096 May 5 04:30 Downloads
-rw-r--r--  1 kali kali 11759 Dec 5 08:43 .face
lrwxrwxrwx  1 kali kali  5 Dec 5 08:43 .face.icon -> .face
-rw-r--r--  1 kali kali  22 May 5 05:21 file.text
drwx----- 3 kali kali 4096 May 5 04:30 .gnupg
-rw----- 1 kali kali  0 May 5 04:30 .ICfauthority
drwxr-xr-x  3 kali kali 4096 Dec 5 08:43 .java
drwx----- 3 kali kali 4096 May 5 04:30 .local
drwx----- 4 kali kali 4096 May 5 04:47 .mozilla
drwxr-xr-x  2 kali kali 4096 May 5 04:30 Music
drwxr-xr-x  2 kali kali 4096 May 5 04:30 Pictures
-rw-r--r--  1 kali kali  807 Dec 5 08:43 .profile
drwxr-xr-x  2 kali kali 4096 May 5 04:30 Public
-rw-r--r--  1 kali kali  0 May 5 05:00 .sudo_as_admin_successful
drwxr-xr-x  2 kali kali 4096 May 5 04:30 Templates
-rw-r--r--  1 kali kali  5 May 5 04:30 .vboxclient-clipboard.pid
-rw-r--r--  1 kali kali  5 May 5 04:30 .vboxclient-display-svg-x11.pid
-rw-r--r--  1 kali kali  5 May 5 04:30 .vboxclient-draganddrop.pid
-rw-r--r--  1 kali kali  5 May 5 04:30 .vboxclient-seamless.pid
drwxr-xr-x  2 kali kali 4096 May 5 04:30 Videos
-rw-r--r--  1 kali kali  49 May 5 04:30 .Xauthority
-rw-r--r--  1 kali kali 6926 May 6 04:05 .xsession-errors
-rw-r--r--  1 kali kali  315 May 6 04:17 .zsh_history
-rw-r--r--  1 kali kali 10877 Dec 5 08:43 .zshrc
```

```
File Machine View Input Devices Help

kali@kali: ~/Documents
File Actions Edit View Help
(kali@kali)-[~]
$ echo "Welcome to JavaTpoint" >file.txt

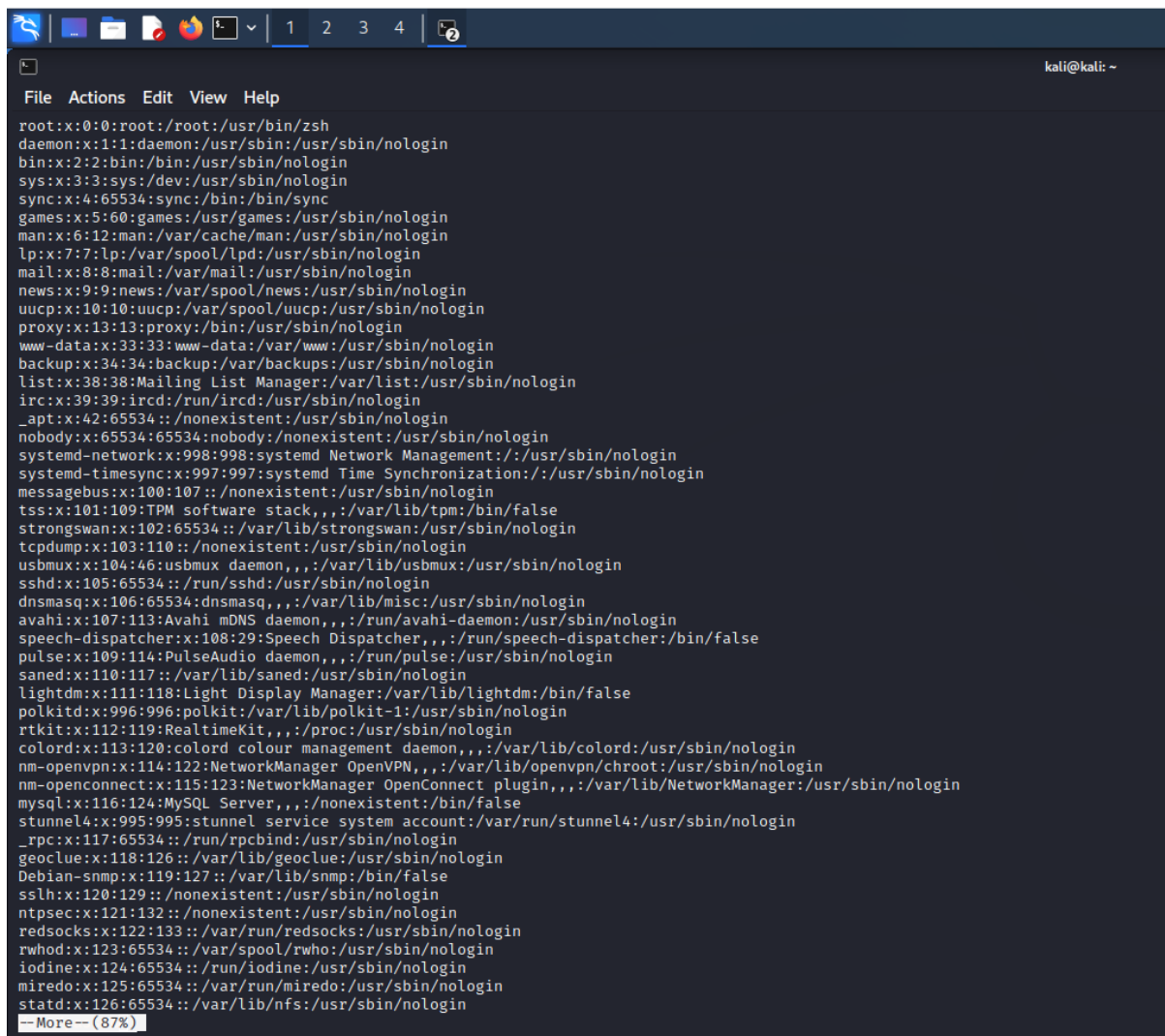
(kali@kali)-[~]
$ cat file.txt
Welcome to JavaTpoint

(kali@kali)-[~]
$ cd Documents

(kali@kali)-[~/Documents]
$ ls
Penetration testing
```

```
kali@kali: ~  
File Actions Edit View Help  
(kali@kali)-[~]  
$ uname  
Linux  
(kali@kali)-[~]  
$ uname -a  
Linux kali 6.0.0-kali3-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.0.7-1kali1 (2022-11-07) x86_64 GNU/Linux  
(kali@kali)-[~]  
$ users  
kali  
(kali@kali)-[~]  
$ uptime  
04:39:40 up 1:34, 1 user, load average: 0.39, 0.22, 0.13  
(kali@kali)-[~]  
$ users  
kali  
(kali@kali)-[~]  
$
```

```
kali@kali: ~  
File Actions Edit View Help  
root:x:0:0:root:/root:/usr/bin/zsh  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin  
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:998:998:systemd Network Management:/usr/sbin/nologin  
systemd-timesync:x:997:997:systemd Time Synchronization:/usr/sbin/nologin  
messagebus:x:100:107::/nonexistent:/usr/sbin/nologin  
tss:x:101:109:TPM software stack,,,:/var/lib/tpm:/bin/false  
strongswan:x:102:65534::/var/lib/strongswan:/usr/sbin/nologin  
tcpdump:x:103:110::/nonexistent:/usr/sbin/nologin  
usbmux:x:104:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin  
sshd:x:105:65534::/run/sshd:/usr/sbin/nologin  
dnsmasq:x:106:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin  
avahi:x:107:113:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin  
speech-dispatcher:x:108:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false  
pulse:x:109:114:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin  
saned:x:110:117::/var/lib/saned:/usr/sbin/nologin  
lightdm:x:111:118:Light Display Manager:/var/lib/lightdm:/bin/false  
polkitd:x:996:996:polkit:/var/lib/polkit-1:/usr/sbin/nologin  
rtkit:x:112:119:RealtimeKit,,,:/proc:/usr/sbin/nologin  
colord:x:113:120:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin  
nm-openvpn:x:114:122:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin  
nm-openconnect:x:115:123:NetworkManager OpenConnect plugin,,,:/var/lib/NetworkManager:/usr/sbin/nologin  
mysql:x:116:124:MySQL Server,,,:/nonexistent:/bin/false  
stunnel4:x:995:995:stunnel service system account:/var/run/stunnel4:/usr/sbin/nologin  
_rpc:x:117:65534::/run/rpcbind:/usr/sbin/nologin  
geoclue:x:118:126::/var/lib/geoclue:/usr/sbin/nologin  
Debian-snmp:x:119:127::/var/lib/snmp:/bin/false  
sslh:x:120:129::/nonexistent:/usr/sbin/nologin  
ntpd:x:121:132::/nonexistent:/usr/sbin/nologin  
redsocks:x:122:133::/var/run/redsocks:/usr/sbin/nologin  
rwhod:x:123:65534:/var/spool/rwho:/usr/sbin/nologin  
iodine:x:124:65534::/run/iodine:/usr/sbin/nologin  
miredo:x:125:65534::/var/run/miredo:/usr/sbin/nologin  
statd:x:126:65534::/var/lib/nfs:/usr/sbin/nologin  
/etc/passwd
```



```
kali@kali: ~  
File Actions Edit View Help  
root:x:0:0:root:/root:/usr/bin/zsh  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin  
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:998:998:systemd Network Management:/:/usr/sbin/nologin  
systemd-timesync:x:997:997:systemd Time Synchronization:/:/usr/sbin/nologin  
messagebus:x:100:107::/nonexistent:/usr/sbin/nologin  
tss:x:101:109:TPM software stack,,,:/var/lib/tpm:/bin/false  
strongswan:x:102:65534::/var/lib/strongswan:/usr/sbin/nologin  
tcpdump:x:103:110::/nonexistent:/usr/sbin/nologin  
usbmux:x:104:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin  
sshd:x:105:65534::/run/sshd:/usr/sbin/nologin  
dnsmasq:x:106:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin  
avahi:x:107:113:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin  
speech-dispatcher:x:108:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false  
pulse:x:109:114:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin  
saned:x:110:117::/var/lib/saned:/usr/sbin/nologin  
lightdm:x:111:118:Light Display Manager:/var/lib/lightdm:/bin/false  
polkit:x:996:996:polkit:/var/lib/polkit-1:/usr/sbin/nologin  
rtkit:x:112:119:RealtimeKit,,,:/proc:/usr/sbin/nologin  
colord:x:113:120:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin  
nm-openvpn:x:114:122:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin  
nm-openconnect:x:115:123:NetworkManager OpenConnect plugin,,,:/var/lib/NetworkManager:/usr/sbin/nologin  
mysql:x:116:124:MySQL Server,,,:/nonexistent:/bin/false  
stunnel4:x:995:995:stunnel service system account:/var/run/stunnel4:/usr/sbin/nologin  
_rpc:x:117:65534::/run/rpcbind:/usr/sbin/nologin  
geoclue:x:118:126::/var/lib/geoclue:/usr/sbin/nologin  
Debian-snmpp:x:119:127::/var/lib/snmpp:/bin/false  
sslh:x:120:129::/nonexistent:/usr/sbin/nologin  
ntpsec:x:121:132::/nonexistent:/usr/sbin/nologin  
redsocks:x:122:133::/var/run/redsocks:/usr/sbin/nologin  
rwhod:x:123:65534::/var/spool/rwho:/usr/sbin/nologin  
iodine:x:124:65534::/run/iodine:/usr/sbin/nologin  
miredo:x:125:65534::/var/run/miredo:/usr/sbin/nologin  
statd:x:126:65534::/var/lib/nfs:/usr/sbin/nologin  
--More-- (87%)
```

```
File Machine View Input Devices Help

Welcome to JavaTpoint

File Actions Edit View Help

"file.txt" 1L, 22B
```

```
File Machine View Input Devices Help

(kali@kali)-[~]
$ free
              total        used        free      shared  buff/cache   available
Mem:      2028756      660396      567148        15956        801212       1200288
Swap:      1048572           0       1048572

(kali@kali)-[~]
$ free -t
              total        used        free      shared  buff/cache   available
Mem:      2028756      661864      565636        15956        801256       1198820
Swap:      1048572           0       1048572
Total:     3077328      661864      1614208

(kali@kali)-[~]
$ sort file.txt
Welcome to JavaTpoint

(kali@kali)-[~]
$ sort -r file.txt
Welcome to JavaTpoint

(kali@kali)-[~]
$
```

```
kali@kali: ~  
File Actions Edit View Help  
(kali@kali)-[~]  
$ history  
1  whomi  
2  Whomami  
3  whoami  
4  who  
5  ls -al  
6  ls  
7  echo  
8  echo "Welcome to JavaTpoint"  
9  cat file.text  
10 cd  
11 cd Documents  
12 mkdir Penetration testing  
13 ls  
14 cd Desktop  
15 date  
16 cal  
17 cd Desktop  
18 ls  
19 cp key.png files  
20 ls  
21 date  
22 cal  
23 desktop  
24 Desktop  
25 firefox  
26 cp key.png files  
27 whoami  
28 who  
29 ls -al  
30 echo "Welcome to JavaTpoint" > file.text  
31 cat file.text  
32 date  
33 cal  
34 date  
35 whoami  
36 who  
37 ls -al  
38 cat file.text  
39 echo "Welcome to JavaTpoint" > file.text  
40 cat file.text  
41 cd Documents  
42 mkdir Penetration testing  
43 ls  
44 echo "Welcome to JavaTpoint" >file.txt  
45 cat file.txt  
46 cd Documents  
47 ls  
48 cd Desktop  
49 cd Files  
50 ls  
51 rm pics.png  
52 ls  
53 uname  
54 uname -a  
55 users  
56 uptime  
57 users  
58 vi file.txt  
59 uname  
60 uname -a  
61 users  
62 uptime  
63 users  
64 less  
65 less/etc/passwd  
66 less /etc/passwd  
67 more /etc/passwd  
68 vi file.txt  
69 free  
70 free -t  
71 sort file.txt  
72 sort -r file.txt  
(kali@kali)-[~]  
$ pwd  
/home/kali  
(kali@kali)-[~]  
$ cd Desktop  
(kali@kali)-[~/Desktop]  
$ pwd  
/home/kali/Desktop  
(kali@kali)-[~/Desktop]  
$
```