

```
(abirami2003@kali)-[~]  
$ echo "Welcome to Javapoint" > file.text
```

```
(abirami2003@kali)-[~]  
$ cat file.text  
Welcome to Javapoint
```

File Actions Edit View Help

(abirami2003@kali)-[~]

\$ cd Desktop

(abirami2003@kali)-[~/Desktop]

\$ ls

cat.png doc.png files Files file.text

```
(abirami2003@kali)-[~]
```

```
$ cd Desktop
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ ls
```

```
cat.png  doc.png  files  Files  file.text
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ cp doc.png Files
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ ls
```

```
cat.png  doc.png  files  Files  file.text
```

```
(abirami2003@kali)-[~]
```

```
$ cd Desktop
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ ls
```

```
cat.png  doc.png  files  Files  file.text
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ cp doc.png Files
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ ls
```

```
cat.png  doc.png  files  Files  file.text
```



File Actions Edit View Help

(abirami2003@kali)-[~]
\$ date

Sun Jan 29 11:42:49 PM EST 2023

File Actions Edit View Help

(abirami2003@kali)-[~]

\$ free

	total	used	free	shared	buff/cache	available
Mem:	2532564	1307188	375828	188700	849548	882784
Swap:	998396	160992	837404			

(abirami2003@kali)-[~]

\$ free -t

	total	used	free	shared	buff/cache	available
Mem:	2532564	1307692	375324	188700	849548	882280
Swap:	998396	160992	837404			
Total:	3530960	1468684	1212728			

File Actions Edit View Help

(abirami2003@kali)-[~]

\$ free

	total	used	free	shared	buff/cache	available
Mem:	2532564	1307188	375828	188700	849548	882784
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(abirami2003@kali)-[~]

\$ free -t

	total	used	free	shared	buff/cache	available
Mem:	2532564	1307692	375324	188700	849548	882280
Swap:	998396	160992	837404			
Total:	3530960	1468684	1212728			

```

(abirami2003@kali)-[~]
└─$ history
 1 nmap -sT 198.123.1.1
 2 nmap -sS 192.168.1.1
 3 nmap -sT 192.168.1.1
 4 th
 5 nmap -sV 192.168.1.1
 6 nmap -A 192.168.1.1
 7 nmap -sS 192.168.1.1
 8 nmap -sT 192.168.1.1
 9 nmap -sU 192.168.1.1
10 nmap -sA 192.168.1.1
11 nmap -Pn192.168.1.1
12 nmap -sn192.168.1.1
13 nmap -Pn192.168.1.1
14 nmap -PR192.168.1.1
15 nmap -n 192.168.1.1
16 nmap -PR192.168.1.1
17 nmap -n192.168.1.1
18 nmap -T0 192.168.1.1
19 cal
20 date
21 cd
22 cd desktop
23 ls
24 whoami
25 who
26 ls -al
27 echo "Welcome to Javapoint" > file.text
28 cat file.text
29 cd documents
30 cd Documents
31 mkdir Penetration testing
32 ls
33 cd Desktop
34 cd Files
35 cd Desktop
36 cd files
37 cd Desktop
38 mkdir Penetration testing
39 ls
40 mkdir Penetration testing
41 ls
42 date
43 cal
44 whoami
45 who
46 date
47 cal
48 cd Desktop
49 ls
50 ls -al
51 cd Desktop
52 vi file.txt
53 cd Documents
54 mkdir Pene
55 mkdir Penetration testing
56 mkdir KALI LINUX
57 ls
58 cd Desktop by the name ".file.txt.swp"
59 cd Files by: abirami2003 dated: Mon Jan 30
60 cd file name: /abirami2003/file.txt
61 ls modified: no
62 rm dog.png: abirami2003 host name: kali
63 cd Desktop: 128943 (STILL RUNNING)
64 ls
65 uname BE FOUND
66 unmae -a: you may be editing the same file.
67 ls
68 mv key.png Files
69 date
70 cd Desktop
71 ls
72 cd ~
73 cd Desktop
74 cd ~
75 cd ~
76 uname

```


File Actions Edit View Help

```
root:x:0:0:root:/root:/usr/bin/zsh (less)
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
mysql:x:100:107:MySQL Server,,,:/nonexistent:/bin/false
tss:x:101:108:TPM software stack,,,:/var/lib/tpm:/bin/false
strongswan:x:102:65534::/var/lib/strongswan:/usr/sbin/nologin
systemd-timesync:x:997:997:systemd Time Synchronization:/:/usr/sbin/nologin
redsocks:x:103:109::/var/run/redsocks:/usr/sbin/nologin
rwhod:x:104:65534::/var/spool/rwho:/usr/sbin/nologin
iodine:x:105:65534::/run/iodine:/usr/sbin/nologin
messagebus:x:106:111::/nonexistent:/usr/sbin/nologin
miredo:x:107:65534::/var/run/miredo:/usr/sbin/nologin
redis:x:108:114::/var/lib/redis:/usr/sbin/nologin
usbmux:x:109:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
mosquitto:x:110:116::/var/lib/mosquitto:/usr/sbin/nologin
tcpdump:x:111:118::/nonexistent:/usr/sbin/nologin
sshd:x:112:65534::/run/sshd:/usr/sbin/nologin
_rpc:x:113:65534::/run/rpcbind:/usr/sbin/nologin
dnsmasq:x:114:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
statd:x:115:65534::/var/lib/nfs:/usr/sbin/nologin
avahi:x:116:122:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin
stunnel4:x:996:996:stunnel service system account:/var/run/stunnel4:/usr/sbin/nologin
Debian-snmp:x:117:123::/var/lib/snmp:/bin/false
_gvm:x:118:124::/var/lib/opensvas:/usr/sbin/nologin
speech-dispatcher:x:119:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
sslm:x:120:125::/nonexistent:/usr/sbin/nologin
postgres:x:121:126:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
pulse:x:122:127:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
saned:x:123:130::/var/lib/saned:/usr/sbin/nologin
inetsim:x:124:131::/var/lib/inetsim:/usr/sbin/nologin
lightdm:x:125:132:Light Display Manager:/var/lib/lightdm:/bin/false
geoclue:x:126:133::/var/lib/geoclue:/usr/sbin/nologin
king-phisher:x:127:134::/var/lib/king-phisher:/usr/sbin/nologin
polkitd:x:994:994:polkit:/var/lib/polkit-1:/usr/sbin/nologin
rtkit:x:128:135:RealtimeKit,,,:/proc:/usr/sbin/nologin
colord:x:129:136:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
nm-openvpn:x:130:138:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
nm-openconnect:x:131:139:NetworkManager OpenConnect plugin,,,:/var/lib/NetworkManager:/usr/sbin/nologin
abirami2003:x:1000:1000:abirami2003,,,:/home/abirami2003:/usr/bin/zsh
/etc/passwd (END)
```



```
(abirami2003@kali)-[~]
```

```
$ ls -al
```

```
total 188
```

```
drwx----- 18 abirami2003 abirami2003 4096 Jan 30 01:07 .
drwxr-xr-x  3 root        root        4096 Jan 24 02:59 ..
-rw-r--r--  1 abirami2003 abirami2003   220 Jan 24 02:59 .bash_logout
-rw-r--r--  1 abirami2003 abirami2003  5551 Jan 24 02:59 .bashrc
-rw-r--r--  1 abirami2003 abirami2003  3526 Jan 24 02:59 .bashrc.original
drwxr-xr-x 10 abirami2003 abirami2003  4096 Jan 26 23:26 .cache
drwxr-xr-x 14 abirami2003 abirami2003  4096 Jan 27 02:52 .config
drwxr-xr-x  3 abirami2003 abirami2003  4096 Jan 29 23:47 Desktop
-rw-r--r--  1 abirami2003 abirami2003    35 Jan 30 01:07 .dmrc
drwxr-xr-x 11 abirami2003 abirami2003  4096 Jan 27 03:47 Documents
drwxr-xr-x  2 abirami2003 abirami2003  4096 Jan 24 03:00 Downloads
-rw-r--r--  1 abirami2003 abirami2003 11759 Jan 24 02:59 .face
lrwxrwxrwx  1 abirami2003 abirami2003     5 Jan 24 02:59 .face.icon → .face
-rw-r--r--  1 abirami2003 abirami2003    21 Jan 27 03:45 file.text
-rw-r--r--  1 abirami2003 abirami2003     3 Jan 26 23:53 file.textw
drwx-----  3 abirami2003 abirami2003  4096 Jan 24 03:00 .gnupg
-rw-----  1 abirami2003 abirami2003     0 Jan 24 03:00 .ICEauthority
drwxr-xr-x  3 abirami2003 abirami2003  4096 Jan 24 02:59 .java
drwx-----  2 abirami2003 abirami2003  4096 Jan 24 23:59 .john
-rw-----  1 abirami2003 abirami2003    20 Jan 29 23:47 .lessht
drwx-----  3 abirami2003 abirami2003  4096 Jan 24 03:00 .local
drwx-----  4 abirami2003 abirami2003  4096 Jan 24 23:05 .mozilla
drwxr-xr-x  2 abirami2003 abirami2003  4096 Jan 24 03:00 Music
drwxr-xr-x  2 abirami2003 abirami2003  4096 Jan 29 23:46 Pictures
-rw-r--r--  1 abirami2003 abirami2003   807 Jan 24 02:59 .profile
drwxr-xr-x  2 abirami2003 abirami2003  4096 Jan 24 03:00 Public
drwxr-xr-x  3 abirami2003 abirami2003  4096 Jan 26 23:58 share
drwxr-xr-x  2 abirami2003 abirami2003  4096 Jan 24 03:00 Templates
-rw-r----- 1 abirami2003 abirami2003     5 Jan 24 03:05 .vboxclient-clipboard.pid
-rw-r----- 1 abirami2003 abirami2003     5 Jan 24 03:05 .vboxclient-display-svgx-x11.pid
-rw-r----- 1 abirami2003 abirami2003     5 Jan 24 03:05 .vboxclient-draganddrop.pid
-rw-r----- 1 abirami2003 abirami2003     5 Jan 24 03:05 .vboxclient-seamless.pid
drwxr-xr-x  2 abirami2003 abirami2003  4096 Jan 24 03:00 Videos
-rw-----  1 abirami2003 abirami2003  1456 Jan 29 23:47 .viminfo
-rw-----  1 abirami2003 abirami2003    49 Jan 24 03:05 .Xauthority
-rw-----  1 abirami2003 abirami2003 19928 Jan 29 23:47 .xsession-errors
-rw-----  1 abirami2003 abirami2003  6827 Jan 24 03:03 .xsession-errors.old
-rw-----  1 abirami2003 abirami2003  2374 Jan 29 23:47 .zsh_history
-rw-r--r--  1 abirami2003 abirami2003 10877 Jan 24 02:59 .zshrc
```

```
(abirami2003@kali)-[~]
```

```
$ cd Documents
```

```
(abirami2003@kali)-[~/Documents]
```

```
$ mkdir Penetration testing
```

```
(abirami2003@kali)-[~/Documents]
```

```
$ ls
```

```
Penetration testing
```


(abirami2003@kali)~

\$ more /etc/passwd

```
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:Mail 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
mysql:x:100:107:MySQL Server,,,:/nonexistent:/bin/false
tss:x:101:108:TPM software stack,,,:/var/lib/tpm:/bin/false
strongswan:x:102:65534::/var/lib/strongswan:/usr/sbin/nologin
systemd-timesync:x:997:997:systemd Time Synchronization:/:/usr/sbin/nologin
redsocks:x:103:109::/var/run/redsocks:/usr/sbin/nologin
rwhod:x:104:65534::/var/spool/rwho:/usr/sbin/nologin
iodine:x:105:65534::/run/iodine:/usr/sbin/nologin
messagebus:x:106:111::/nonexistent:/usr/sbin/nologin
miredo:x:107:65534::/var/run/miredo:/usr/sbin/nologin
redis:x:108:114::/var/lib/redis:/usr/sbin/nologin
usbmux:x:109:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
mosquitto:x:110:116::/var/lib/mosquitto:/usr/sbin/nologin
tcpdump:x:111:118::/nonexistent:/usr/sbin/nologin
sshd:x:112:65534::/run/sshd:/usr/sbin/nologin
_rpc:x:113:65534::/run/rpcbind:/usr/sbin/nologin
dnsmasq:x:114:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
statd:x:115:65534::/var/lib/nfs:/usr/sbin/nologin
avahi:x:116:122:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin
stunnel4:x:996:996:stunnel service system account:/var/run/stunnel4:/usr/sbin/nologin
Debian-snmp:x:117:123::/var/lib/snmp:/bin/false
_gvm:x:118:124::/var/lib/opensv:/usr/sbin/nologin
speech-dispatcher:x:119:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
sslh:x:120:125::/nonexistent:/usr/sbin/nologin
postgres:x:121:126:PostgreSQL administrator,,,:/var/lib/postgresql:/bin/bash
pulse:x:122:127:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
saned:x:123:130::/var/lib/saned:/usr/sbin/nologin
inetsim:x:124:131::/var/lib/inetsim:/usr/sbin/nologin
lightdm:x:125:132:Light Display Manager:/var/lib/lightdm:/bin/false
geoclue:x:126:133::/var/lib/geoclue:/usr/sbin/nologin
king-phisher:x:127:134::/var/lib/king-phisher:/usr/sbin/nologin
polkitd:x:994:994:polkit:/var/lib/polkit-1:/usr/sbin/nologin
rtkit:x:128:135:RealtimeKit,,,:/proc:/usr/sbin/nologin
colord:x:129:136:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
nm-openvpn:x:130:138:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
nm-openconnect:x:131:139:NetworkManager OpenConnect plugin,,,:/var/lib/NetworkManager:/usr/sbin/nologin
abirami2003:x:1000:1000:abirami2003,,,:/home/abirami2003:/usr/bin/zsh
```

```
(abirami2003@kali)-[~]
```

```
$ cd Desktop
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ ls
```

```
cat.png  doc.png  files  Files  file.text
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ mv doc.png Files
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ cd Files
```

```
(abirami2003@kali)-[~/Desktop/Files]
```

```
$ ls
```

```
cat.png  doc.png  good.png
```

```
(abirami2003@kali)-[~]xt"
```

```
$ pwd
```

```
/home/abirami2003
```

```
(abirami2003@kali)-[~]
```

```
$ cd Desktop
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ pwd
```

```
/home/abirami2003/Desktop
```

File Actions Edit View Help

```
(abirami2003@kali)-[~] Desktop/Files
```

```
$ cd Desktop
```

```
(abirami2003@kali)-[~/Desktop]
```

```
$ cd Files
```

```
(abirami2003@kali)-[~/Desktop/Files]
```

```
$ ls
```

```
doc.png
```

```
(abirami2003@kali)-[~/Desktop/Files]
```

```
$ ls
```

```
cat.png  doc.png  good.png
```

```
(abirami2003@kali)-[~/Desktop/Files]
```

```
$ rm doc.png
```

```
(abirami2003@kali)-[~/Desktop/Files]
```

```
$ ls
```

```
cat.png  good.png
```

```
(abirami2003@kali)-[~]  
$ sort file.text  
say haii to every one
```

```
(abirami2003@kali)-[~]  
$ sort -r file.text  
say haii to every one
```



```
(abirami2003@kali)-[~]
```

```
$ uname
```

```
Linux
```

```
(abirami2003@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
```

```
(abirami2003@kali)-[~]
```

```
$ users
```

```
abirami2003
```

```
(abirami2003@kali)-[~]
```

```
$ uptime
```

```
03:11:47 up 9:50, 1 user, load average: 0.02, 0.06, 0.02
```

```
(abirami2003@kali)~  
$ users  
abirami2003
```

File Actions Edit View Help

```
Welcome to JavaTpoint
```

JavaTpoint

Learn Kali Linux

Sort command sorts the contents of a text file

~~~~~

```
"file.txt" 4L, 97B
```

1,1

A