

```
(kali@kali) ~  
$ date
```

Tue Jan 24 10:38:20 PM EST 2023

```
(kali@kali)~$  
$ cd Desktop
```

```
(kali@kali)~/Desktop$  
$ ls  
Files
```

```
(kali@kali)~
```

```
$ echo "welcome to python" > file.text
```

```
(kali@kali)~
```

```
$ cat file.text
```

```
welcome to python
```

```
(kali㉿kali)-[~]  
$ echo "welcome to python" > linux.txt
```

```
(kali㉿kali)-[~]  
$ ls  
Desktop      Downloads  linux      Music      Public     Videos  
Documents    file.text  linux.txt  Pictures   Templates
```

```
(kali㉿kali)-[~]  
$ cp linux file.text
```

```
(kali㉿kali)-[~]  
$ ls  
Desktop      Downloads  linux      Music      Public     Videos  
Documents    file.text  linux.txt  Pictures   Templates
```

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

```
kali
```

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

```
$ ls -al
```

```
total 160
```

```
drwx----- 17 kali kali 4096 Jan 24 23:24 .
drwxr-xr-x 3 root root 4096 Jan 24 04:01 ..
-rw-r--r-- 1 kali kali 220 Jan 24 04:01 .bash_logout
-rw-r--r-- 1 kali kali 5551 Jan 24 04:01 .bashrc
-rw-r--r-- 1 kali kali 3526 Jan 24 04:01 .bashrc.original
drwx----- 8 kali kali 4096 Jan 24 22:37 .cache
drwxr-xr-x 13 kali kali 4096 Jan 24 22:59 .config
drwxr-xr-x 4 kali kali 4096 Jan 24 22:59 Desktop
-rw-r--r-- 1 kali kali 35 Jan 24 22:32 .dmrc
drwxr-xr-x 2 kali kali 4096 Jan 24 04:19 Documents
drwxr-xr-x 2 kali kali 4096 Jan 24 04:19 Downloads
-rw-r--r-- 1 kali kali 11759 Jan 24 04:01 .face
lrwxrwxrwx 1 kali kali 5 Jan 24 04:01 .face.icon → .face
-rw-r--r-- 1 kali kali 18 Jan 24 23:07 file.text
drwx----- 3 kali kali 4096 Jan 24 04:19 .gnupg
-rw----- 1 kali kali 0 Jan 24 04:19 .ICEauthority
drwxr-xr-x 3 kali kali 4096 Jan 24 04:01 .java
-rw-r--r-- 1 kali kali 18 Jan 24 23:05 linux
-rw-r--r-- 1 kali kali 18 Jan 24 23:06 linux.txt
drwx----- 3 kali kali 4096 Jan 24 04:19 .local
drwx----- 4 kali kali 4096 Jan 24 22:37 .mozilla
drwxr-xr-x 2 kali kali 4096 Jan 24 04:19 Music
drwxr-xr-x 2 kali kali 4096 Jan 24 04:19 Pictures
-rw-r--r-- 1 kali kali 807 Jan 24 04:01 .profile
drwxr-xr-x 2 kali kali 4096 Jan 24 04:19 Public
drwxr-xr-x 3 kali kali 4096 Jan 24 04:20 .recon-ng
-rw-r--r-- 1 kali kali 0 Jan 24 04:21 .sudo_as_admin_successful
```

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

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

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

Penetration testing

```
(kali@kali)-[~/Documents]  
$ █
```

```
(kali@kali)~$  
$ cd Desktop
```

```
(kali@kali)~/Desktop$  
$ cd kali
```

```
(kali@kali)~/Desktop/kali$  
$ ls
```



```
(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

23:40:23 up 1:54, 1 user, load average: 0.00, 0.01, 0.02

```
kali@kali:~$ ssh users
```

```
kali
```

```
welcome to python
```

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```
"file.text" 1L, 18B
```

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

	total	used	free	shared	buff/cache	available
Mem:	2029004	618684	684260	9648	726060	1249660
Swap:	998396	0	998396			

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

	total	used	free	shared	buff/cache	available
Mem:	2029004	618676	684260	9648	726068	1249668
Swap:	998396	0	998396			
Total:	3027400	618676	1682656			

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

```
(kali@kali)~$  
$ sort file.text  
welcome to python
```

```
(kali@kali)~$  
$ sort -r
```

```
95  users
96  uptime
97  users
98  # less /etc/password
99  #less /etc/passwd
100 # moreetc/passwd
101 vi file.text
102 uname
103 uname -a
104 users
105 uptime
106 users
107 # less /etc/password
108 #less /etc/passwd
109 # moreetc/passwd
110 vi file.text
111 # free
112 # Free
113 # free -t
114 # free -T
115 free
116 sort file.text
117 sort -r
118 sort file.text
119 sort -r
120 free -t
121 vi kali
122 vi kali
```