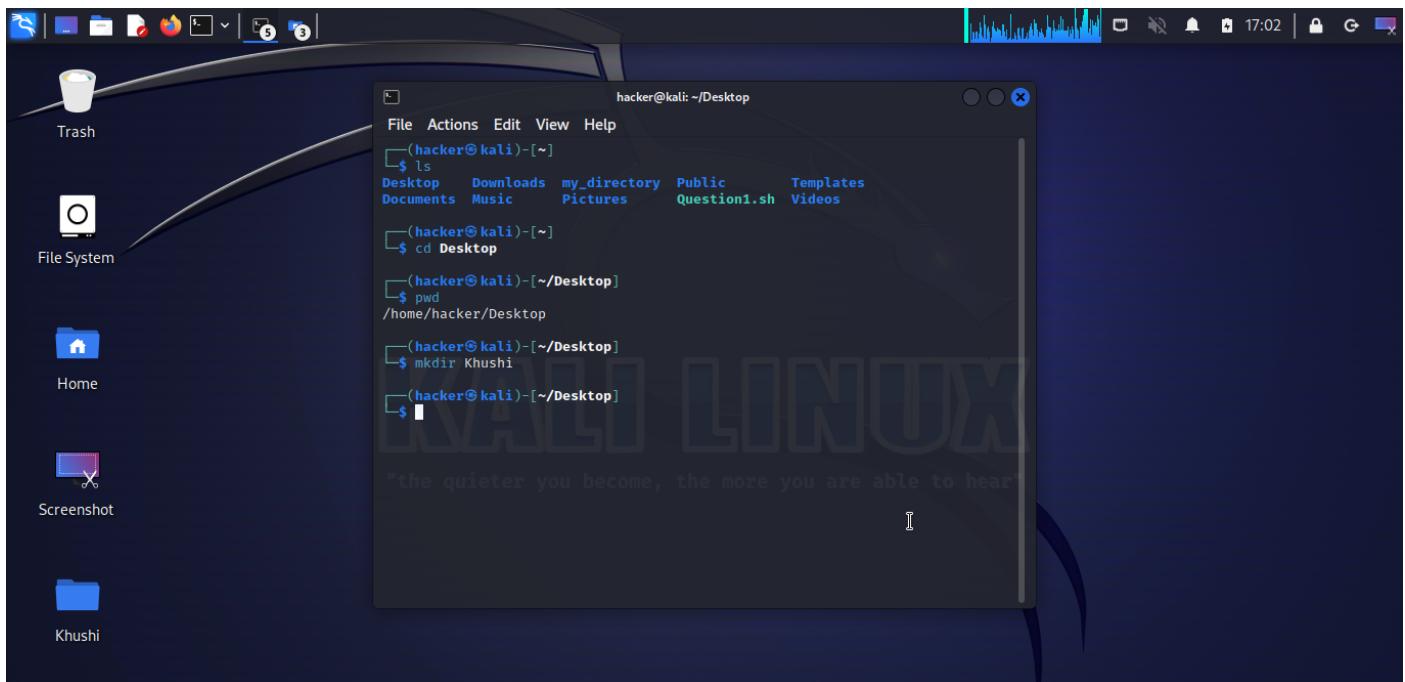


**CYBERSECURITY & ETHICAL HACKING**  
**LINUX COMMAND LIST ASSESSMENT**  
**ASSIGNMENT - I**  
**KHUSHI JAIN**  
**20BCE2664**

**I. FILE AND DIRECTORY OPERATIONS**

1. ls: List files and directories  
→ ls
2. cd: Change directory  
→ cd Desktop
3. pwd: Print working directory  
→ pwd
4. mkdir: Make directory  
→ mkdir Khushi
5. touch: Create an empty file  
→ touch empty\_file.txt
6. cp: Copy files and directories  
→ cp empty\_file.txt copy\_file.txt
7. mv: Move or rename files and directories  
→ mv empty\_file.txt new\_file.txt
8. rm: Remove files and directories  
→ rm copy\_file.txt
9. find: Search for files and directories  
→ find . new\_file.txt

## Output

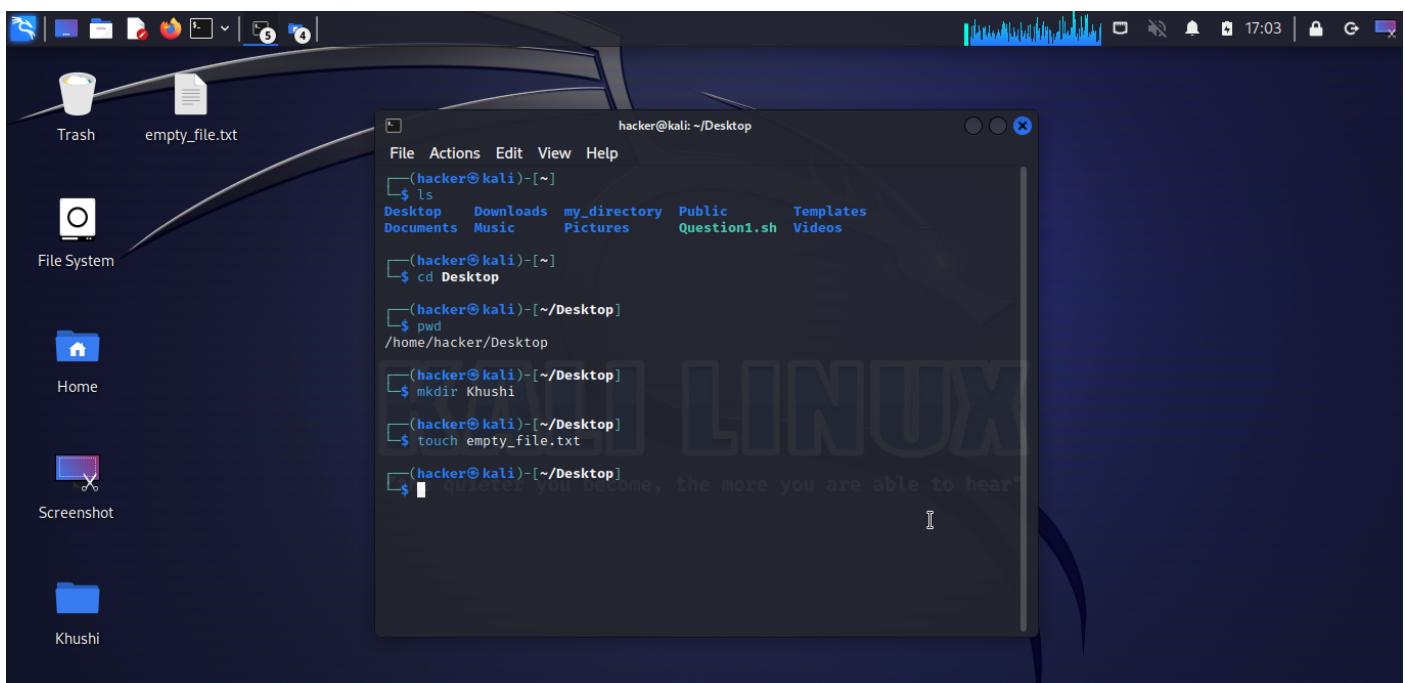


A screenshot of a Kali Linux desktop environment. On the left is a dock with icons for Trash, File System, Home, Screenshot, and Khushi. The main window is a terminal titled "hacker@kali: ~/Desktop". The terminal shows the following session:

```
(hacker㉿kali)-[~]
└─$ ls
Desktop Downloads my_directory Public Templates
Documents Music Pictures Question1.sh Videos

(hacker㉿kali)-[~]
└─$ cd Desktop
/homes/hacker/Desktop

(hacker㉿kali)-[~/Desktop]
└─$ mkdir Khushi
(hacker㉿kali)-[~/Desktop]
```

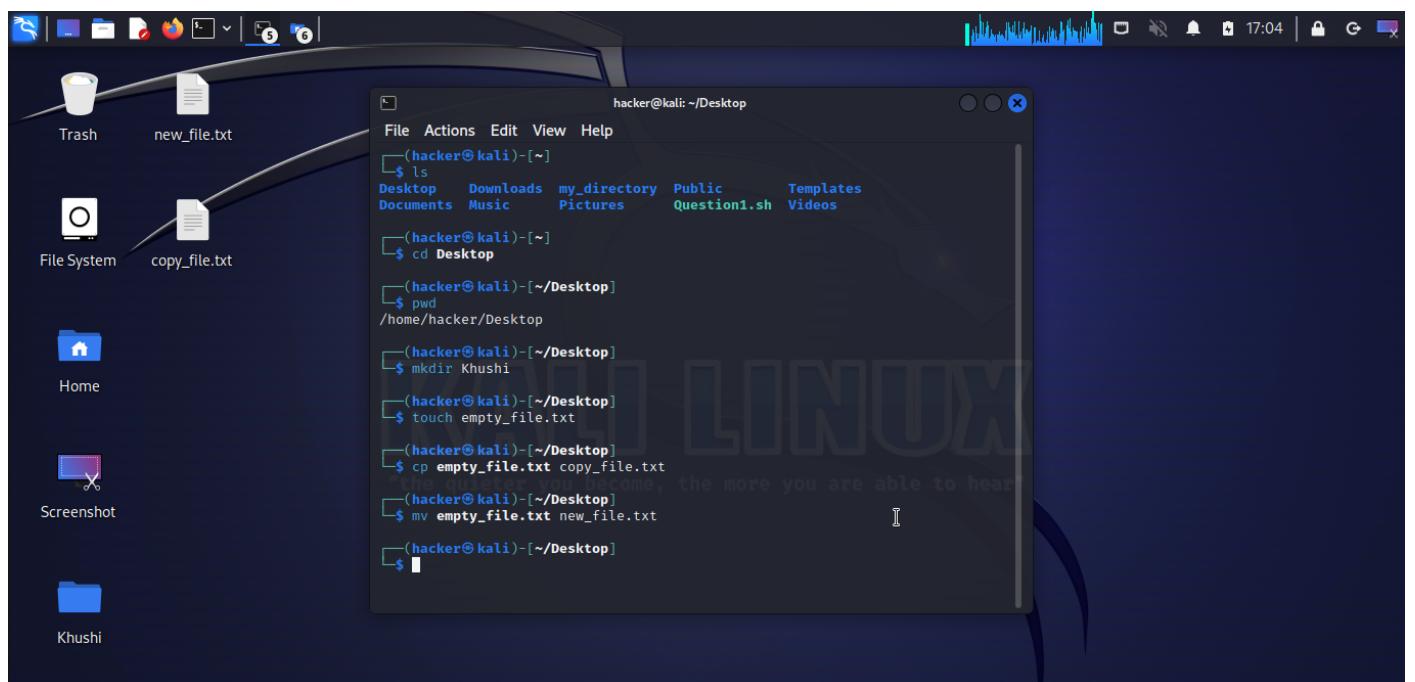
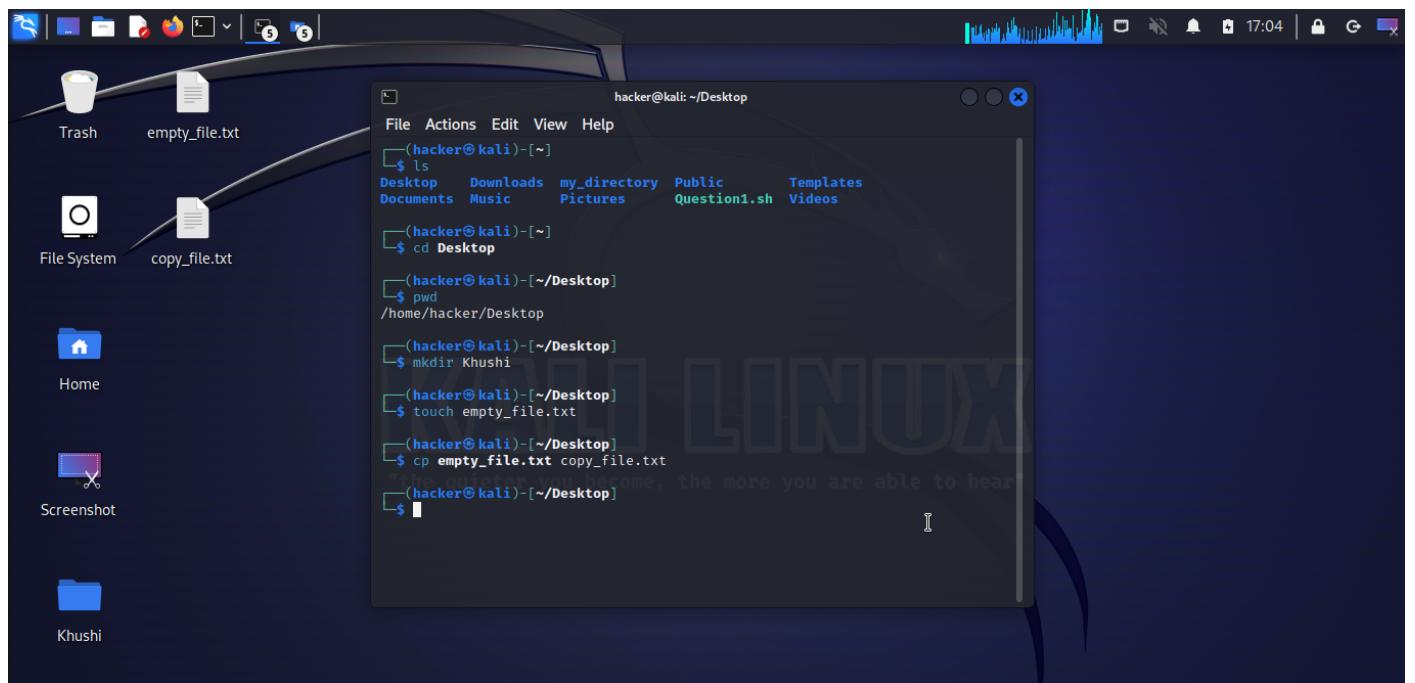


A screenshot of a Kali Linux desktop environment. The dock and desktop layout are identical to the first screenshot. The terminal window now shows a new file named "empty\_file.txt" on the desktop:

```
(hacker㉿kali)-[~]
└─$ ls
Desktop Downloads my_directory Public Templates
Documents Music Pictures Question1.sh Videos

(hacker㉿kali)-[~]
└─$ cd Desktop
/homes/hacker/Desktop

(hacker㉿kali)-[~/Desktop]
└─$ mkdir Khushi
(hacker㉿kali)-[~/Desktop]
└─$ touch empty_file.txt
(hacker㉿kali)-[~/Desktop]
```



A screenshot of a Linux desktop environment, likely Kali Linux, showing a terminal window titled "hacker@kali: ~/Desktop". The terminal displays the following command sequence:

```
File Actions Edit View Help
Desktop Downloads my_directory Public Templates
Documents Music Pictures Question1.sh Videos

(hacker㉿kali)-[~]
$ cd Desktop
(hacker㉿kali)-[~/Desktop]
$ pwd
/home/hacker/Desktop
(hacker㉿kali)-[~/Desktop]
$ mkdir Khushi
(hacker㉿kali)-[~/Desktop]
$ touch empty_file.txt
(hacker㉿kali)-[~/Desktop]
$ cp empty_file.txt copy_file.txt
(hacker㉿kali)-[~/Desktop]
$ mv empty_file.txt new_file.txt
(hacker㉿kali)-[~/Desktop]
$ rm copy_file.txt
(hacker㉿kali)-[~/Desktop]
```

A screenshot of a Linux desktop environment, likely Kali Linux, showing a terminal window titled "hacker@kali: ~/Desktop". The terminal displays the following command sequence:

```
File Actions Edit View Help
/home/hacker/Desktop

(hacker㉿kali)-[~/Desktop]
$ mkdir Khushi
(hacker㉿kali)-[~/Desktop]
$ touch empty_file.txt
(hacker㉿kali)-[~/Desktop]
$ cp empty_file.txt copy_file.txt
(hacker㉿kali)-[~/Desktop]
$ mv empty_file.txt new_file.txt
(hacker㉿kali)-[~/Desktop]
$ rm copy_file.txt
(hacker㉿kali)-[~/Desktop]
$ find . new_file.txt
./Khushi
./xfce4-screenshooter.desktop
./new_file.txt
new_file.txt
```

## II. FILE VIEWING AND EDITING

1. cat: Concatenate and display file content  
→ cat file.txt
2. less: View file content with pagination  
→ less file.txt
3. head: Display the beginning of a file  
→ head -n 2 file.txt
4. tail: Display the end of a file  
→ tail -n 1 file.txt
5. nano: Text editor for creating and editing files

→ nano file.txt

6. vi/vim: Powerful text editor for experienced users  
→ vim file.txt

## Output

hacker@kali: ~/Desktop

```
File Actions Edit View Help
(hacker@kali)-[~]
$ cd Desktop
(hacker@kali)-[~/Desktop]
$ cat file.txt
Hello, World! This is file.txt.
This is Header.
This is Tail.

(hacker@kali)-[~/Desktop]
$ less file.txt
```

The terminal window shows the contents of the file 'file.txt' as generated by the 'nano' command. It contains three lines of text: 'Hello, World!', 'This is Header.', and 'This is Tail.'.

hacker@kali: ~/Desktop

```
File Actions Edit View Help
Hello, World! This is file.txt.
This is Header.
This is Tail.
file.txt (END)
```

The terminal window shows the contents of the file 'file.txt' as generated by the 'vim' command. It contains three lines of text: 'Hello, World!', 'This is Header.', and 'This is Tail.'. The word 'file.txt (END)' is also visible at the bottom of the screen, indicating the end of the file.

```
File Actions Edit View Help
(hacker㉿kali)-[~]
$ cd Desktop
└── (hacker㉿kali)-[~/Desktop]
    $ head -n 2 file.txt
Hello, World! This is file.txt.
This is Header.

└── (hacker㉿kali)-[~/Desktop]
    $ tail -n 1 file.txt
This is Tail.

└── (hacker㉿kali)-[~/Desktop]
    $ nano file.txt
```

A screenshot of a Kali Linux desktop environment. The desktop background features the Kali Linux logo with the tagline "the quieter you become, the more you are able to hear". In the top left corner, there is a terminal window titled "file.txt" showing the following text:

```
GNU nano 7.2
Hello, World! This is file.txt.
This is Header.
This is Tail.
```

The bottom of the terminal window shows nano editor key bindings. The desktop interface includes a dock with icons for File System, Home, and Recycle Bin, and a menu bar with File, Actions, Edit, View, and Help.

A screenshot of a Kali Linux desktop environment. In the top-left corner, there's a terminal window titled '(hacker㉿kali)-[~]' with the command '\$ vim file.txt' entered. The background features a large, semi-transparent watermark of the Kali Linux logo with the slogan 'the quieter you become, the more you are able to hear'. The desktop interface includes a dock with icons for Home, Applications, and a Kali logo.

A screenshot of a Kali Linux desktop environment. In the foreground, a terminal window titled 'hacker@kali: ~/Desktop' is open, displaying the contents of a file named 'file.txt'. The file contains the text: 'Hello, World! This is file.txt.', 'This is Header.', and 'This is Tail.' Below the terminal, the desktop background features the Kali Linux logo with the tagline 'the quieter you become, the more you are able to hear'.

```
File Actions Edit View Help
hacker@kali: ~/Desktop
Hello, World! This is file.txt.
This is Header.
This is Tail.
[...]
-- INSERT --
hacker@kali: ~/Desktop
```

### III. FILE PERMISSIONS

1. chmod: Change file permissions  
→ chmod 755 file.txt
2. chown: Change file owner  
→ sudo chown root file.txt
3. chgrp: Change file group  
→ sudo chgrp users file.txt

#### Output

A screenshot of a Kali Linux terminal window showing the execution of three commands to change file permissions. The session starts with navigating to the Desktop directory, listing files, and changing the permissions of 'file.txt' to 755. It then changes the owner of 'file.txt' to 'root' and the group to 'users'.

```
(hacker㉿kali)-[~]
$ cd Desktop
(hacker㉿kali)-[~/Desktop]
$ ls -l
total 16
-rw-r--r-- 1 hacker hacker 62 Jul 2 16:18 file.txt
drwxr-xr-x 2 hacker hacker 4096 Jun 28 17:02 Khushi
-rw-r--r-x 1 hacker hacker 7875 Jan 17 02:40 xfce4-screenshooter.desktop

(hacker㉿kali)-[~/Desktop]
$ chmod 755 file.txt

(hacker㉿kali)-[~/Desktop]
$ ls -l
total 16
-rwxr-xr-x 1 hacker hacker 62 Jul 2 16:18 file.txt
drwxr-xr-x 2 hacker hacker 4096 Jun 28 17:02 Khushi
-rw-r--r-x 1 hacker hacker 7875 Jan 17 02:40 xfce4-screenshooter.desktop

(hacker㉿kali)-[~/Desktop]
$ sudo chown root file.txt
[sudo] password for hacker:

(hacker㉿kali)-[~/Desktop]
$ ls -l
total 16
-rwxr-xr-x 1 root hacker 62 Jul 2 16:18 file.txt
drwxr-xr-x 2 hacker hacker 4096 Jun 28 17:02 Khushi
-rw-r--r-x 1 hacker hacker 7875 Jan 17 02:40 xfce4-screenshooter.desktop

(hacker㉿kali)-[~/Desktop]
$ sudo chgrp users file.txt
```

```
File Actions Edit View Help
(hacker㉿kali)-[~/Desktop]
$ chmod 755 file.txt
(hacker㉿kali)-[~/Desktop]
$ ls -l
total 16
-rwxr-xr-x 1 hacker hacker 62 Jul  2 16:18 file.txt
drwxr-xr-x 2 hacker hacker 4096 Jun 28 17:02 Khushi
-rw-rxr-xr-x 1 hacker hacker 7875 Jan 17 02:40 xfce4-screenshooter.desktop

(hacker㉿kali)-[~/Desktop]
$ sudo chown root file.txt
[sudo] password for hacker:
(hacker㉿kali)-[~/Desktop]
$ ls -l
total 16
-rwxr-xr-x 1 root   hacker 62 Jul  2 16:18 file.txt
drwxr-xr-x 2 hacker hacker 4096 Jun 28 17:02 Khushi
-rw-rxr-xr-x 1 hacker hacker 7875 Jan 17 02:40 xfce4-screenshooter.desktop

(hacker㉿kali)-[~/Desktop]
$ sudo chgrp users file.txt
(hacker㉿kali)-[~/Desktop]
$ ls -l
total 16
-rwxr-xr-x 1 root   users  62 Jul  2 16:18 file.txt
drwxr-xr-x 2 hacker hacker 4096 Jun 28 17:02 Khushi
-rw-rxr-xr-x 1 hacker hacker 7875 Jan 17 02:40 xfce4-screenshooter.desktop

(hacker㉿kali)-[~/Desktop]
$
```

## IV. FILE COMPRESSION AND ARCHIVING

1. tar: Archive files  
→ tar -cf archive.tar file1.txt file2.txt
2. gzip: Compress files  
→ gzip file.txt
3. unzip: Extract files from a ZIP archive  
→ unzip archive.zip

### Output







## V. PROCESS MANAGEMENT

1. ps: List running processes  
→ ps
2. top: Display real-time system information and processes  
→ top
3. kill: Terminate processes  
→ kill 1109873
4. bg: Run processes in the background  
→ sleep 600  
→ jobs  
→ bg %1
5. fg: Bring background processes to the foreground  
→ sleep 600 &  
→ fg %2

## Output

```
hacker@kali: ~
File Actions Edit View Help
└──(hacker㉿kali)-[~]
$ ps
  PID TTY      TIME CMD
1113907 pts/4    00:00:00 zsh
1114148 pts/4    00:00:00 ps

└──(hacker㉿kali)-[~]
$ top
```

"the quieter you become, the more you are able to hear"

```
hacker@kali: ~
File Actions Edit View Help

top - 17:45:50 up 1 day, 14:49,
Tasks: 168 total, 1 running, 16
%Cpu(s): 17.8 us, 11.4 sy, 0.0 n
MiB Mem : 1972.7 total, 138.
MiB Swap: 975.0 total, 825.

      PID USER      PR  NI      VIRT
  1088 hacker    20   0  357672
    613 root      20   0  500084
1015392 hacker    20   0 3166684
1113904 hacker    20   0  438968
    978 hacker    20   0  217956
   1090 hacker    20   0  424072
1114186 hacker  20   0  11584
   1040 hacker    20   0  646180
1015719 hacker    20   0 2442100
    15 root      20   0     0
    973 hacker    20   0  217440
   1019 hacker    20   0    9368
   1065 hacker    20   0  231564
   1077 hacker    20   0  577340
```

```
hacker@kali: ~
File Actions Edit View Help
 1019 hacker    20    0    9368
 1065 hacker    20    0   231564
 1077 hacker    20    0   577340
 1094 hacker    20    0   399704
1019436 hacker    20    0   439508
1091320 hacker    20    0   439104
1109873 root      20    0      0
1112616 root      20    0      0
      1 root      20    0   167872

[(hacker㉿kali)-[~]
$ kill 1109873
kill: kill 1109873 failed: operation not permitted

[(hacker㉿kali)-[~]
$ sleep 600
^Z
zsh: suspended  sleep 600
you become, the more you are able to hear"
[(hacker㉿kali)-[~]
$ jobs
[1] + suspended  sleep 600
```

```
hacker@kali: ~
File Actions Edit View Help
[(hacker㉿kali)-[~]
$ sleep 600
^Z
zsh: suspended  sleep 600

[(hacker㉿kali)-[~]
$ jobs
[1] + suspended  sleep 600

[(hacker㉿kali)-[~]
$ bg %1
[1] + continued  sleep 600

[(hacker㉿kali)-[~]
$ sleep 600 &
[2] 1115522
you become, the more you are able to hear"

[(hacker㉿kali)-[~]
$ fg %2
[2] - running    sleep 600
```

## VI. SYSTEM INFORMATION

1. uname: Print system information  
→ uname -a
2. df: Display disk space usage  
→ df -h
3. free: Display memory usage  
→ free
4. uptime: Show system uptime  
→ uptime
5. who: Display logged-in users  
→ who
6. w: Display logged-in users and their activities  
→ w

### Output

```
hacker@kali: ~
File Actions Edit View Help
(hacker㉿kali)-[~]
$ uname -a
Linux kali 6.1.0-kali5-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.12-1kali2 (202
-23) x86_64 GNU/Linux

(hacker㉿kali)-[~]
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            947M    0  947M   0% /dev
tmpfs           198M  956K  197M   1% /run
/dev/sda1        31G   13G   17G  43% /
tmpfs           987M    0  987M   0% /dev/shm
tmpfs            5.0M    0   5.0M   0% /run/lock
tmpfs           198M   76K  198M   1% /run/user/1000

(hacker㉿kali)-[~]
$ free
              total        used        free      shared  buff/cache   availa
Mem:       2020032      791216      945132      12504      443016      1228
Swap:      998396          0      998396

(hacker㉿kali)-[~]
$ uptime
08:28:37 up 6 min,  1 user,  load average: 0.42, 0.98, 0.56

(hacker㉿kali)-[~]
$ who
```

```
hacker@kali:~  
File Actions Edit View Help  
/dev/sda1      31G   13G   17G  43% /  
tmpfs        987M     0  987M  0% /dev/shm  
tmpfs        5.0M     0  5.0M  0% /run/lock  
tmpfs       198M    76K 198M  1% /run/user/1000  
  
└──(hacker㉿kali)-[~]  
└──$ free  
      total        used        free      shared  buff/cache   availa  
Mem:   2020032      791216      945132      12504      443016      1228  
Swap:  998396          0     998396  
  
└──(hacker㉿kali)-[~]  
└──$ uptime  
08:28:37 up 6 min,  1 user,  load average: 0.42, 0.98, 0.56  
  
└──(hacker㉿kali)-[~]  
└──$ who  
hacker  tty7        2023-06-13 08:23 (:0)  
  
└──(hacker㉿kali)-[~]  
└──$ w  
08:28:46 up 6 min,  1 user,  load average: 0.95, 1.08, 0.59  
USER     TTY      FROM           LOGIN@     IDLE     JCPU    PCPU WHAT  
hacker  tty7      :0            08:23      ?    17.62s  0.65s xfce4-session  
  
└──(hacker㉿kali)-[~]  
└──$ █
```

## VII. NETWORKING

1. ifconfig: Configure network interfaces  
→ ifconfig
2. ping: Send ICMP echo requests to a network host  
→ ping www.google.com
3. ssh: Securely connect to a remote system  
→ ssh root@homeserver.com
4. scp: Securely copy files between systems  
→ scp myfile.txt root@homeserver.com:/home/root
5. wget: Download files from the web  
→ wget https://www.kali.org/kali-linux-iso/kali-linux-2023.2a-installer-amd64.io

## Output

```
hacker@kali: ~
File Actions Edit View Help
(hacker㉿kali)-[~]
$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.29.79 netmask 255.255.255.0 broadcast 192.168.29.255
        inet6 fe80::a00:27ff:fe56:3126 prefixlen 64 scopeid 0x20<link>
    inet6 2405:201:2010:f134:864a:afe5:bc6a:a059 prefixlen 64 scopeid 0x0<global>
        ether 08:00:27:56:31:26 txqueuelen 1000 (Ethernet)
            RX packets 16348 bytes 5765147 (5.4 MiB)
            RX errors 0 dropped 0 overruns 0 frame 0
            TX packets 6595 bytes 603852 (589.6 KiB)
            TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
        loop txqueuelen 1000 (Local Loopback)
            RX packets 76 bytes 4560 (4.4 KiB)
            RX errors 0 dropped 0 overruns 0 frame 0
            TX packets 76 bytes 4560 (4.4 KiB)
            TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

(hacker㉿kali)-[~]
$ ping www.google.com
PING www.google.com(bom07s31-in-x04.1e100.net (2404:6800:4009:824::2004)) 56 data bytes
^C
--- www.google.com ping statistics ---
26 packets transmitted, 0 received, 100% packet loss, time 25581ms

(hacker㉿kali)-[~]
$ ssh root@homeserver.com
```

```
hacker@kali: ~
File Actions Edit View Help
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

(hacker㉿kali)-[~]
$ ping www.google.com
PING www.google.com(bom07s31-in-x04.1e100.net (2404:6800:4009:824::2004)) 56 data bytes
^C
--- www.google.com ping statistics ---
26 packets transmitted, 0 received, 100% packet loss, time 25581ms

(hacker㉿kali)-[~]
$ ssh root@homeserver.com
^C

(hacker㉿kali)-[~]
$ scp myfile.txt root@homeserver.com:/home/root
^C

(hacker㉿kali)-[~]
$ wget https://www.kali.org/kali-linux-iso/kali-linux-2023.2a-installer-amd64.iso
--2023-07-02 09:55:37-- https://www.kali.org/kali-linux-iso/kali-linux-2023.2a-installer-amd64.iso
Resolving www.kali.org (www.kali.org)... 2606:4700:8ca0:747e:ad7:643:cfc8:4636, 1
04.18.4.159, 104.18.5.159
Connecting to www.kali.org (www.kali.org)|2606:4700:8ca0:747e:ad7:643:cfc8:4636|:443... ^C

(hacker㉿kali)-[~]
$
```

## VIII. SYSTEM ADMINISTRATION

1. sudo: Execute commands with superuser privileges  
→ sudo
2. apt-get: Package management for Debian-based distributions  
→ sudo apt-get install nano
3. yum: Package management for Red Hat-based distributions  
→ sudo yum install vim
4. systemctl: Manage system services  
→ sudo systemctl start ssh

## 5. crontab: Schedule recurring tasks

→ crontab -e

## 6. useradd: Add a new user

→ sudo useradd kali\_user

## 7. passwd: Change user password

→ sudo passwd kali\_user

## Output

```
hacker@kali: ~
File Actions Edit View Help
—(hacker㉿kali)-[~]
└$ sudo
usage: sudo -h | -K | -k | -v
usage: sudo -v [-ABKNs] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-ABKNs] [-g group] [-h host] [-p prompt] [-U user] [-u user]
      [command [arg ...]]
usage: sudo [-ABbEHNnPS] [-r role] [-t type] [-C num] [-D directory] [-g
      group] [-h host] [-p prompt] [-R directory] [-T timeout] [-u user]
      [VAR=value] [-i | -s] [command [arg ...]]
usage: sudo -e [-ABKNs] [-r role] [-t type] [-C num] [-D directory] [-g group]
      [-h host] [-p prompt] [-R directory] [-T timeout] [-u user] file ...
—(hacker㉿kali)-[~]
└$ sudo apt-get install nano
[sudo] password for hacker:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libmujis2 libyara9 python3-jaraco.classes python3-texttable tftp
Use 'sudo apt autoremove' to remove them.
Suggested packages:
  hunspell
The following NEW packages will be installed:
  nano
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 0/8,689 kB of archives.
After this operation, 2,871 kB of additional disk space will be used.
Selecting previously unselected package nano.
(Reading database... 40335 files and directories currently installed.)
Preparing to unpack .../archives/nano_7.2-1_amd64.deb...
Unpacking nano (7.2-1)...
Setting up nano (7.2-1)...
update-alternatives: using /bin/nano to provide /usr/bin/editor (editor) in auto
*hunter*the quieter you become, the more you are able to hear*
```

```
hacker@kali: ~
File Actions Edit View Help
update-alternatives: using /bin/nano to provide /usr/bin/editor (editor) in auto
 mode
update-alternatives: using /bin/nano to provide /usr/bin/pico (pico) in auto mod
e
Processing triggers for doc-base (0.11.1) ...
Processing 2 added doc-base files...
Processing triggers for man-db (2.11.2-2) ...
Processing triggers for kali-menu (2023.3.1) ...

—(hacker㉿kali)-[~]
└$ sudo yum install vim
sudo: yum: command not found

—(hacker㉿kali)-[~]
└$ sudo systemctl start ssh
—(hacker㉿kali)-[~]
└$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/lib/systemd/system/ssh.service; disabled; preset: disabled)
   Active: active (running) since Sun 2023-07-02 11:12:14 EDT; 3h 21min ago
     Docs: man:sshd(8)
           man:sshd_config(5)
     Process: 460607 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
    Main PID: 460608 (sshd)
      Tasks: 1 (limit: 2267)
     Memory: 3.2M
        CPU: 139ms
       CGroup: /system.slice/ssh.service
               └─460608 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

Jul 02 11:12:13 kali systemd[1]: Starting ssh.service - OpenBSD Secure Shell se*
Jul 02 11:12:14 kali sshd[460608]: Server listening on 0.0.0.0 port 22.
Jul 02 11:12:14 kali sshd[460608]: Server listening on :: port 22.
*hunter*the more you are able to hear*
```

```
[hacker@kali: ~]
File Actions Edit View Help
Processing 2 added doc-base files ...
Processing triggers for man-db (2.11.2-2) ...
Processing triggers for kali-menu (2023.3.1) ...

[hacker@kali: ~]
$ sudo yum install vim
sudo: yum: command not found

[hacker@kali: ~]
$ sudo systemctl start ssh

[hacker@kali: ~]
$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/lib/systemd/system/ssh.service; disabled; preset: disabled)
   Active: active (running) since Sun 2023-07-02 11:12:14 EDT; 3h 21min ago
     Docs: man:sshd(8)
           man:sshd_config(5)
   Process: 460607 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
 Main PID: 460608 (sshd)
    Tasks: 1 (limit: 2267)
   Memory: 3.2M
      CPU: 139ms
     CGroup: /system.slice/ssh.service
             └─460608 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

Jul 02 11:12:13 kali systemd[1]: Starting ssh.service - OpenBSD Secure Shell se...
Jul 02 11:12:14 kali sshd[460608]: Server listening on 0.0.0.0 port 22.
Jul 02 11:12:14 kali sshd[460608]: Server listening on :: port 22.
Jul 02 11:12:14 kali systemd[1]: Started ssh.service - OpenBSD Secure Shell ser...
lines 1-17/17 (END)

[hacker@kali: ~]
$ crontab -e
```

```
File Actions Edit View Help
└── (hacker㉿kali)-[~]
$ sudo useradd kali_user
[sudo] password for hacker:
└── (hacker㉿kali)-[~]
$ sudo passwd kali_user
New password:
Retype new password:
passwd: password updated successfully
└── (hacker㉿kali)-[~]
$
```