

Assignment - 1

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Course :- Cyber Security and Ethical Hacking

```
kevin@kali: ~  
File Actions Edit View Help  
(kevin@kali)-[~]  
$ ls  
Desktop Documents Downloads Music Pictures Public Templates Videos  
(kevin@kali)-[~]  
$
```

```
kevin@kali: ~/Downloads  
File Actions Edit View Help  
(kevin@kali)-[~]  
$ cd Downloads  
(kevin@kali)-[~/Downloads]  
$
```

```
kevin@kali: ~/Downloads  
File Actions Edit View Help  
(kevin@kali)-[~/Downloads]  
$ pwd  
/home/kevin/Downloads  
(kevin@kali)-[~/Downloads]  
$
```

```
kevin@kali: ~/Downloads  
File Actions Edit View Help  
(kevin@kali)-[~/Downloads]  
$ mkdir latest  
(kevin@kali)-[~/Downloads]  
$ ls  
86a06c5dc309d08580a018c66354a056-96f4e51d96b2203f19f6381c8c545b278eaa0837.zip lab_KevinP2113.ovpn latest  
(kevin@kali)-[~/Downloads]  
$
```

```
File Actions Edit View Help

(kevin@kali)-[~/Downloads]
$ touch sample.txt

(kevin@kali)-[~/Downloads]
$ ls
86a06c5dc309d08580a018c66354a056-96f4e51d96b2203f19f6381c8c545b278eaa0837.zip  latest
lab_KevinP2113.ovpn                                                            sample.txt

(kevin@kali)-[~/Downloads]
$
```

```
File Actions Edit View Help

(kevin@kali)-[~/Downloads/latest]
$ ls
lab_KevinP2113.ovpn  latest  sample.txt

(kevin@kali)-[~/Downloads]
$ cp sample.txt latest

(kevin@kali)-[~/Downloads]
$ ls
lab_KevinP2113.ovpn  latest  sample.txt

(kevin@kali)-[~/Downloads]
$ cd latest

(kevin@kali)-[~/Downloads/latest]
$ ls
sample.txt

(kevin@kali)-[~/Downloads/latest]
$
```

```
File Actions Edit View Help

(kevin@kali)-[~/Downloads/latest]
$ ls
sample.txt

(kevin@kali)-[~/Downloads/latest]
$ mv sample.txt test.txt

(kevin@kali)-[~/Downloads/latest]
$ ls
test.txt

(kevin@kali)-[~/Downloads/latest]
$
```

```
File Actions Edit View Help

(kevin@kali)-[~/Downloads]
$ ls
lab_KevinP2113.ovpn  latest  sample.txt

(kevin@kali)-[~/Downloads]
$ rm -r latest

(kevin@kali)-[~/Downloads]
$ ls
lab_KevinP2113.ovpn  sample.txt

(kevin@kali)-[~/Downloads]
$
```



```
kevin@kali: ~/Downloads
File Actions Edit View Help

(kevin@kali)-[~/Downloads]
$ tail sample.txt
hello! this is the contents of the sample file!

(kevin@kali)-[~/Downloads]
$
```

```
kevin@kali: ~/Downloads
File Actions Edit View Help

GNU nano 6.0 sample.txt
hello! this is the contents of the sample file!

[ Read 1 line ]
^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify
^C Location   M-U Undo
^_/ Go To Line M-E Redo
```



```
kevin@kali: ~/Downloads
File Actions Edit View Help

(kevin@kali)-[~/Downloads]
$ ls
lab_KevinP2113.ovpn  sample.txt

(kevin@kali)-[~/Downloads]
$ gzip sample.txt

(kevin@kali)-[~/Downloads]
$ ls
lab_KevinP2113.ovpn  sample.txt.gz

(kevin@kali)-[~/Downloads]
$
```

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

(kevin@kali)-[~]
$ ps
  PID TTY          TIME CMD
 1179 pts/0        00:00:08 zsh
 3129 pts/0        00:00:00 ps

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

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

top - 23:28:47 up 7 min, 1 user, load average: 0.16, 0.15, 0.09
Tasks: 162 total, 1 running, 161 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1.5 us, 1.5 sy, 0.0 ni, 96.7 id, 0.1 wa, 0.0 hi, 0.2 si, 0.0 st
MiB Mem : 2933.2 total, 2070.1 free, 488.5 used, 374.5 buff/cache
MiB Swap: 976.0 total, 976.0 free, 0.0 used. 2294.7 avail Mem

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM    TIME+  COMMAND
  567 root        20   0  330620  89256 45780 S   2.6   3.0   0:08.61 Xorg
  941 kevin      20   0  212472  27508 18452 S   2.0   0.9   0:06.74 panel-13-cpugra
 1176 kevin      20   0  418432  95216 73060 S   1.3   3.2   0:02.91 qterminal
   44 root       39  19     0     0     0 S   1.0   0.0   0:00.47 khugepaged
  935 kevin      20   0  474268  51348 34852 S   0.7   1.7   0:01.22 xfdesktop
  943 kevin      20   0  278420  27568 20096 S   0.7   0.9   0:03.05 panel-15-genmon
 3250 kevin      20   0  10448   3648  3004 R   0.7   0.1   0:00.06 top
  226 root       20   0     0     0     0 I   0.3   0.0   0:00.10 kworker/1:2-mm+
  684 rtkit      21   1  153984  1604  1340 S   0.3   0.1   0:00.02 rtkit-daemon
  766 kevin      20   0  269996  25560 17784 S   0.3   0.9   0:00.55 xfce4-session
  840 kevin      20   0  153052   2672  2196 S   0.3   0.1   0:01.42 VBoxClient
  889 kevin      20   0 1213292  92696 65760 S   0.3   3.1   0:02.88 xfwm4
  942 kevin      20   0  342640  24864 17760 S   0.3   0.8   0:00.36 panel-14-systra
  944 kevin      20   0  592652  43340 34096 S   0.3   1.4   0:00.97 panel-16-pulsea
  946 kevin      20   0  390720  44984 31984 S   0.3   1.5   0:00.61 panel-18-power-
  966 kevin      20   0  463224  39392 30584 S   0.3   1.3   0:00.46 xfce4-notifyd
  995 kevin      20   0  195212  24492 17132 S   0.3   0.8   0:00.40 xfce4-power-man
```

```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ ps  
  PID TTY          TIME CMD  
 1179 pts/0    00:00:11 zsh  
 4350 pts/0    00:00:00 ps  
  
(kevin@kali)-[~]  
$ kill 4350  
kill: kill 4350 failed: no such process  
  
(kevin@kali)-[~]  
$
```

```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ uname  
Linux  
  
(kevin@kali)-[~]  
$
```

```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ df  
Filesystem      1K-blocks      Used Available Use% Mounted on  
udev            1458220          0   1458220   0% /dev  
tmpfs            300356          956    299400   1% /run  
/dev/sda1       20417744 11030860  8324384  57% /  
tmpfs            1501772          0   1501772   0% /dev/shm  
tmpfs             5120           0        5120   0% /run/lock  
tmpfs            300352          64    300288   1% /run/user/1000  
  
(kevin@kali)-[~]  
$
```

```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ free  
              total        used        free      shared  buff/cache   available  
Mem:        3003548       515968       1859720         4480       627860       2322716  
Swap:        999420           0         999420  
  
(kevin@kali)-[~]  
$
```

```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ uptime  
00:01:50 up 40 min,  1 user,  load average: 0.39, 0.25, 0.19  
  
(kevin@kali)-[~]  
$
```

```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ who  
kevin    tty7          2023-05-21 23:21 (:0)  
  
(kevin@kali)-[~]  
$
```

```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ w  
00:06:54 up 45 min,  1 user,  load average: 0.20, 0.19, 0.18  
USER      TTY      FROM          LOGIN@   IDLE   JCPU   PCPU   WHAT  
kevin     tty7      :0             23:21   45:39  29.71s  0.92s  xfce4-session  
  
(kevin@kali)-[~]  
$
```



```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255  
    inet6 fe80::a00:27ff:fe05:71ae prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:05:71:ae txqueuelen 1000 (Ethernet)  
    RX packets 10331 bytes 12974974 (12.3 MiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 4898 bytes 428665 (418.6 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 0 bytes 0 (0.0 B)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 0 bytes 0 (0.0 B)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
(kevin@kali)-[~]  
$
```

```
kevin@kali: ~  
File Actions Edit View Help  
  
(kevin@kali)-[~]  
$ ping 127.0.0.1  
PING 127.0.0.1 (127.0.0.1) 56(84) bytes of data.  
64 bytes from 127.0.0.1: icmp_seq=1 ttl=64 time=0.046 ms  
64 bytes from 127.0.0.1: icmp_seq=2 ttl=64 time=0.067 ms  
64 bytes from 127.0.0.1: icmp_seq=3 ttl=64 time=0.061 ms  
64 bytes from 127.0.0.1: icmp_seq=4 ttl=64 time=0.061 ms  
64 bytes from 127.0.0.1: icmp_seq=5 ttl=64 time=0.065 ms  
64 bytes from 127.0.0.1: icmp_seq=6 ttl=64 time=0.082 ms  
^C  
— 127.0.0.1 ping statistics —  
6 packets transmitted, 6 received, 0% packet loss, time 5128ms  
rtt min/avg/max/mdev = 0.046/0.063/0.082/0.010 ms  
  
(kevin@kali)-[~]  
$
```