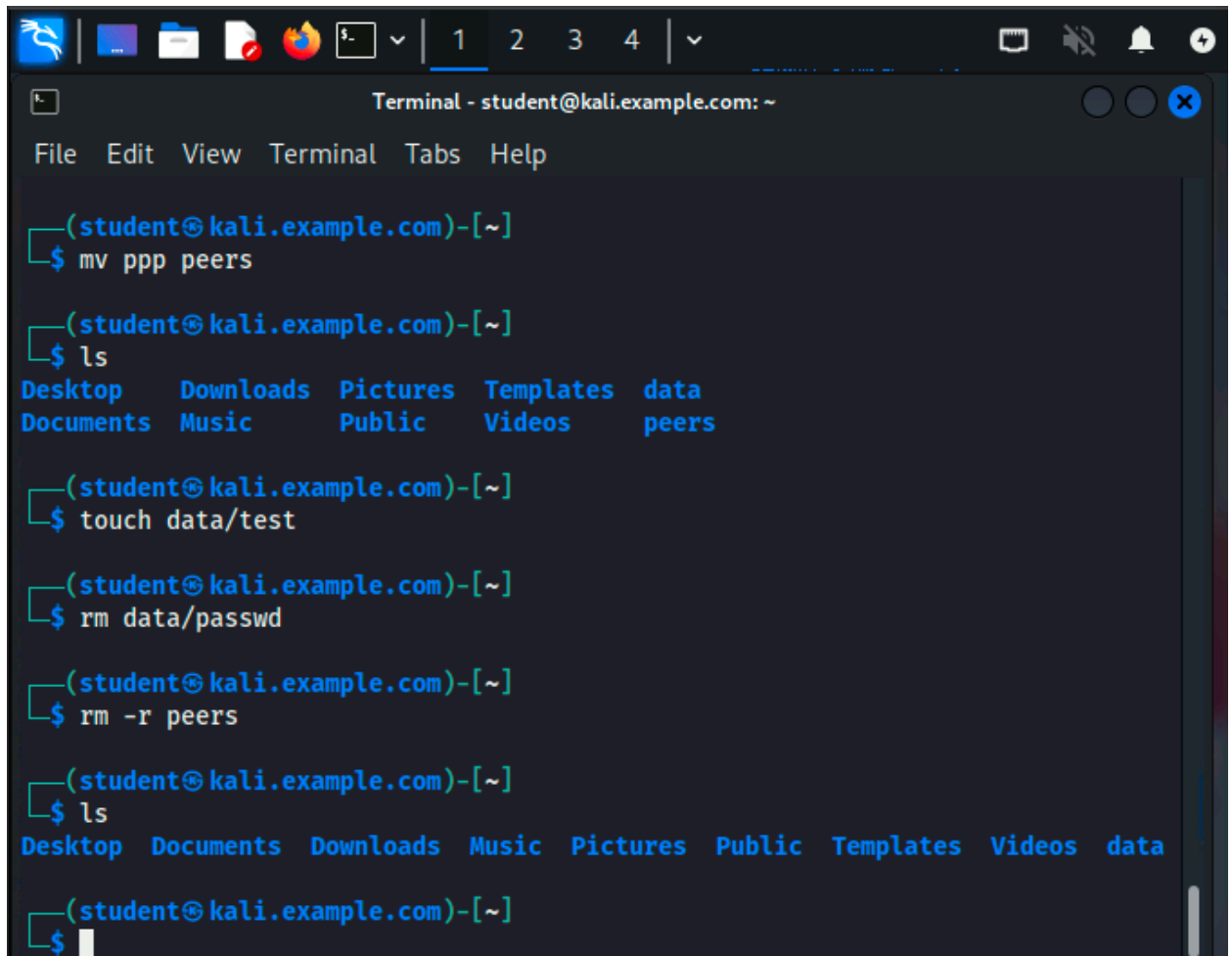
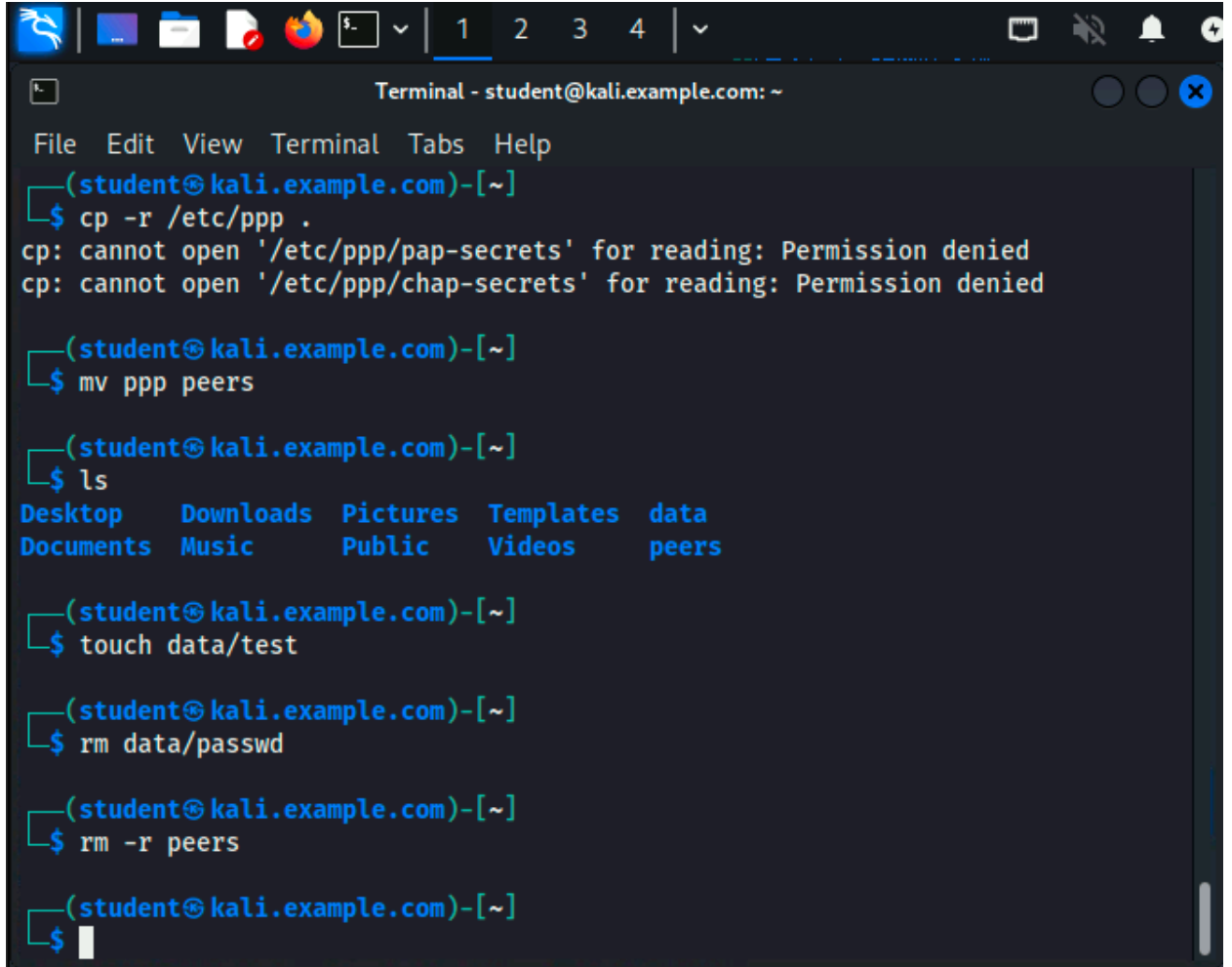


(I started from the last step/s screenshot and went downward because it was easier to keep track of all the screenshots that way, I'm sorry. So step 20 is listed as 1. I also forgot to screenshot it at step 3 so the screenshot for step 3 and 4 are the same since it shows that I did the code in the previous command)



```
Terminal - student@kali.example.com: ~  
File Edit View Terminal Tabs Help  
  
(student@kali.example.com)-[~]  
$ mv ppp peers  
  
(student@kali.example.com)-[~]  
$ ls  
Desktop Downloads Pictures Templates data  
Documents Music Public Videos peers  
  
(student@kali.example.com)-[~]  
$ touch data/test  
  
(student@kali.example.com)-[~]  
$ rm data/passwd  
  
(student@kali.example.com)-[~]  
$ rm -r peers  
  
(student@kali.example.com)-[~]  
$ ls  
Desktop Documents Downloads Music Pictures Public Templates Videos data  
  
(student@kali.example.com)-[~]  
$
```

1.



```
Terminal - student@kali.example.com: ~
File Edit View Terminal Tabs Help
(student@kali.example.com)-[~]
$ cp -r /etc/ppp .
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied

(student@kali.example.com)-[~]
$ mv ppp peers

(student@kali.example.com)-[~]
$ ls
Desktop    Downloads  Pictures   Templates  data
Documents  Music      Public    Videos    peers

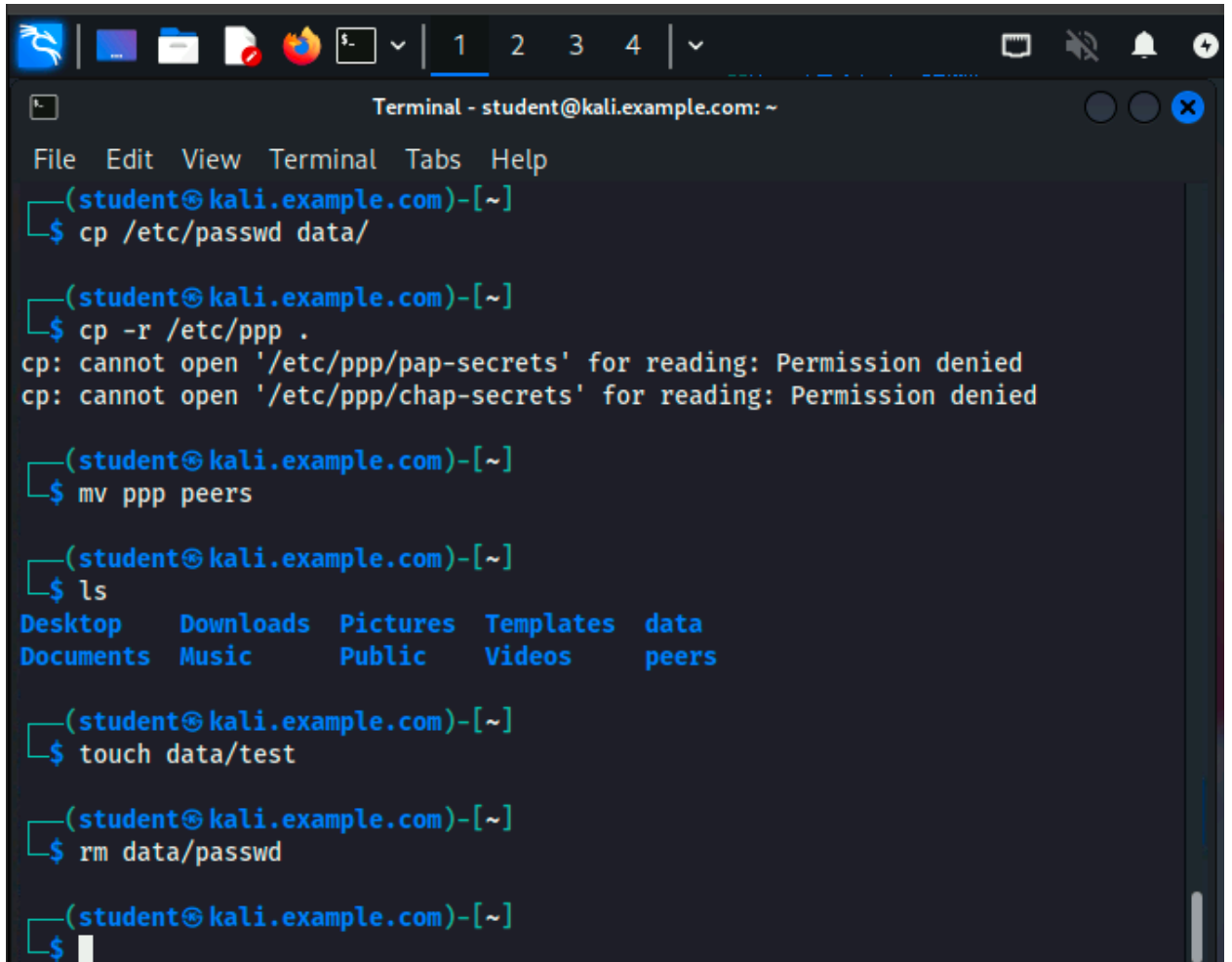
(student@kali.example.com)-[~]
$ touch data/test

(student@kali.example.com)-[~]
$ rm data/passwd

(student@kali.example.com)-[~]
$ rm -r peers

(student@kali.example.com)-[~]
$
```

2.



```
Terminal - student@kali.example.com: ~
File Edit View Terminal Tabs Help
(student@kali.example.com)-[~]
$ cp /etc/passwd data/

(student@kali.example.com)-[~]
$ cp -r /etc/ppp .
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied

(student@kali.example.com)-[~]
$ mv ppp peers

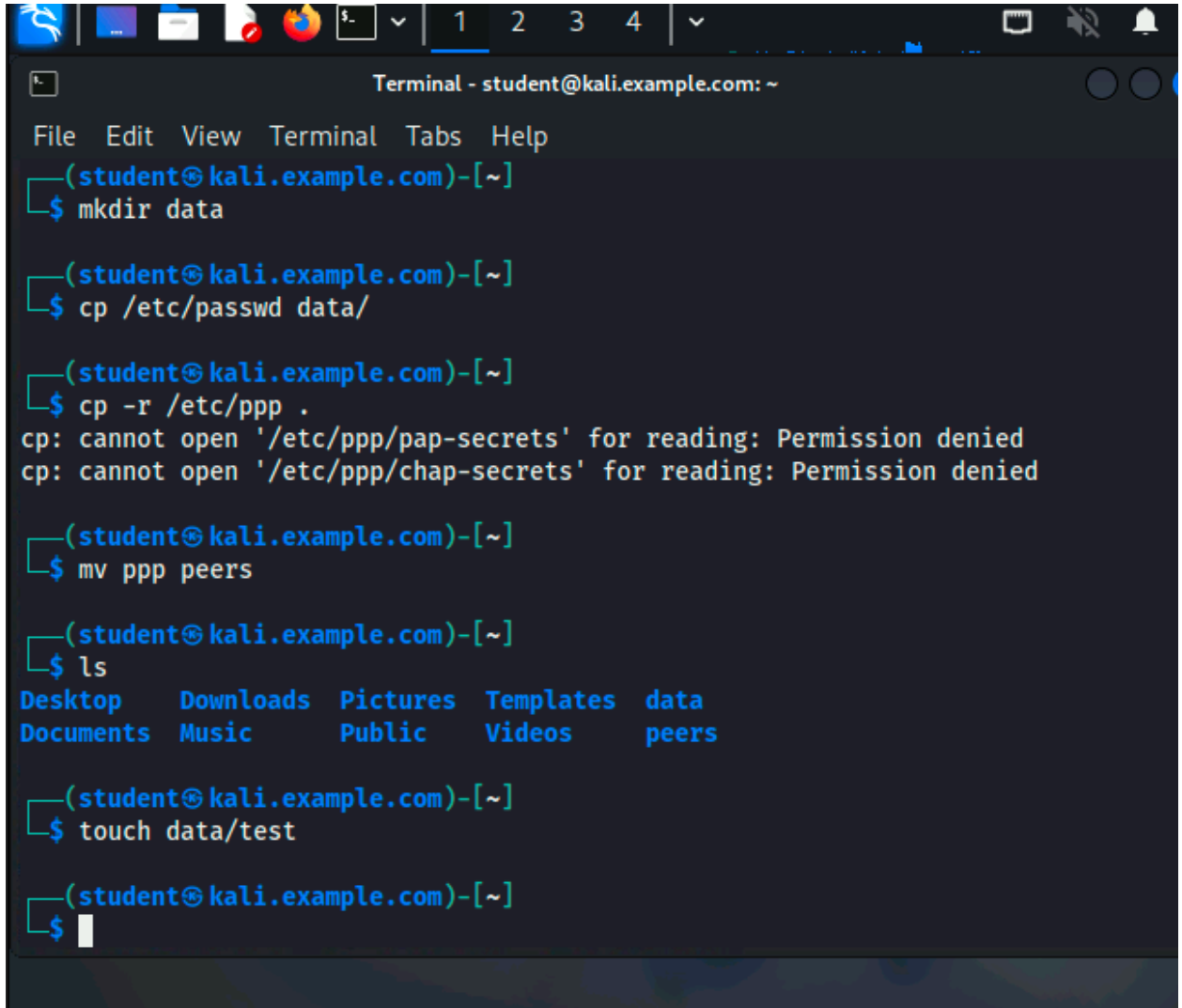
(student@kali.example.com)-[~]
$ ls
Desktop      Downloads  Pictures  Templates  data
Documents    Music      Public    Videos     peers

(student@kali.example.com)-[~]
$ touch data/test

(student@kali.example.com)-[~]
$ rm data/passwd

(student@kali.example.com)-[~]
$
```

3.



```
Terminal - student@kali.example.com: ~
File Edit View Terminal Tabs Help
(student@kali.example.com)-[~]
$ mkdir data

(student@kali.example.com)-[~]
$ cp /etc/passwd data/

(student@kali.example.com)-[~]
$ cp -r /etc/ppp .
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied

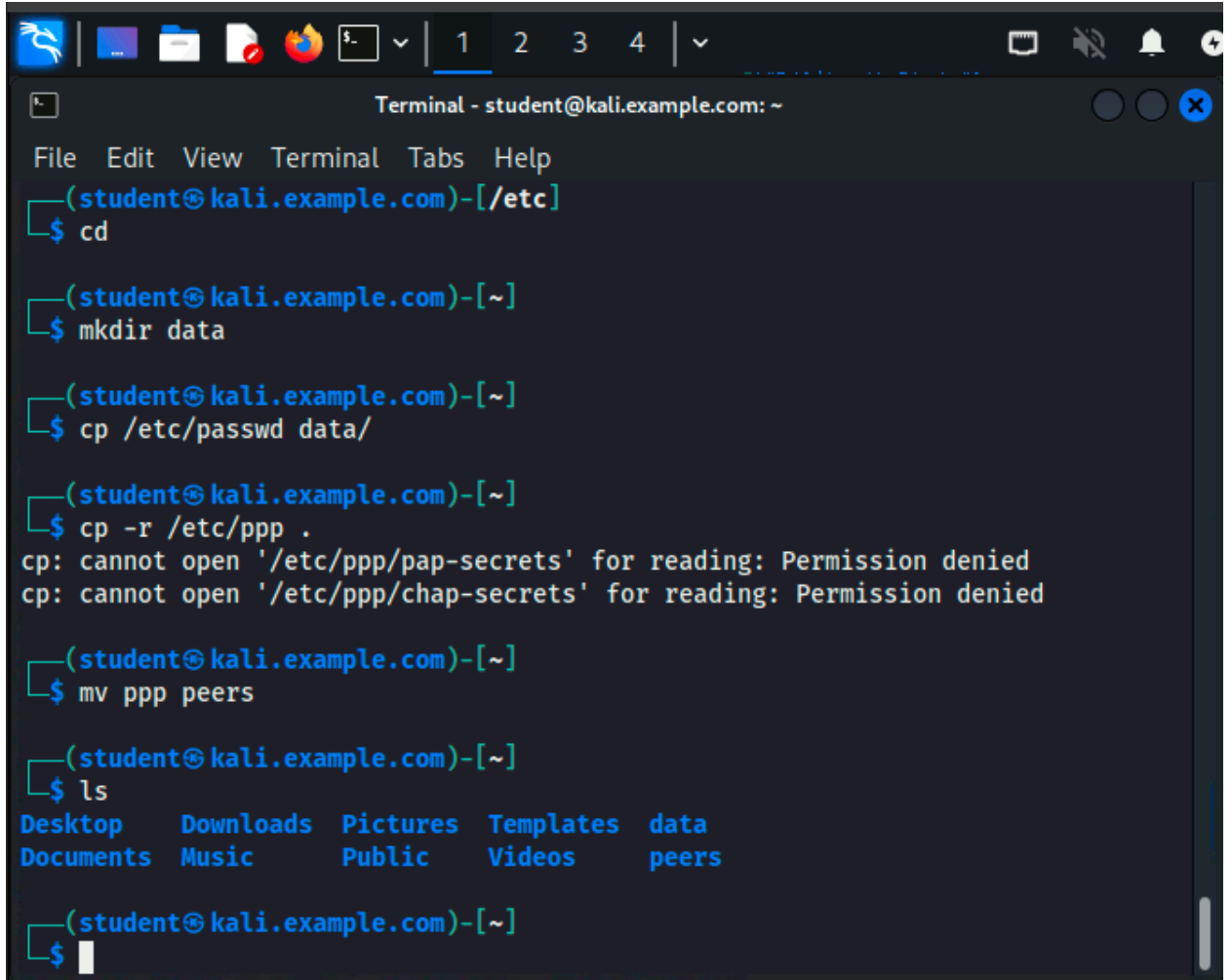
(student@kali.example.com)-[~]
$ mv ppp peers

(student@kali.example.com)-[~]
$ ls
Desktop  Downloads  Pictures  Templates  data
Documents  Music      Public    Videos     peers

(student@kali.example.com)-[~]
$ touch data/test

(student@kali.example.com)-[~]
$
```

4.



```
Terminal - student@kali.example.com: ~
File Edit View Terminal Tabs Help
(student@kali.example.com)-[/etc]
$ cd

(student@kali.example.com)-[~]
$ mkdir data

(student@kali.example.com)-[~]
$ cp /etc/passwd data/

(student@kali.example.com)-[~]
$ cp -r /etc/ppp .
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied

(student@kali.example.com)-[~]
$ mv ppp peers

(student@kali.example.com)-[~]
$ ls
Desktop  Downloads  Pictures  Templates  data
Documents Music      Public    Videos    peers

(student@kali.example.com)-[~]
$
```

5.

```
Terminal - student@kali.example.com: ~
File Edit View Terminal Tabs Help
saned:x:136:
lightdm:x:137:
colord:x:138:
coredns:x:139:

(student@kali.example.com)-[/etc]
$ cd

(student@kali.example.com)-[~]
$ mkdir data

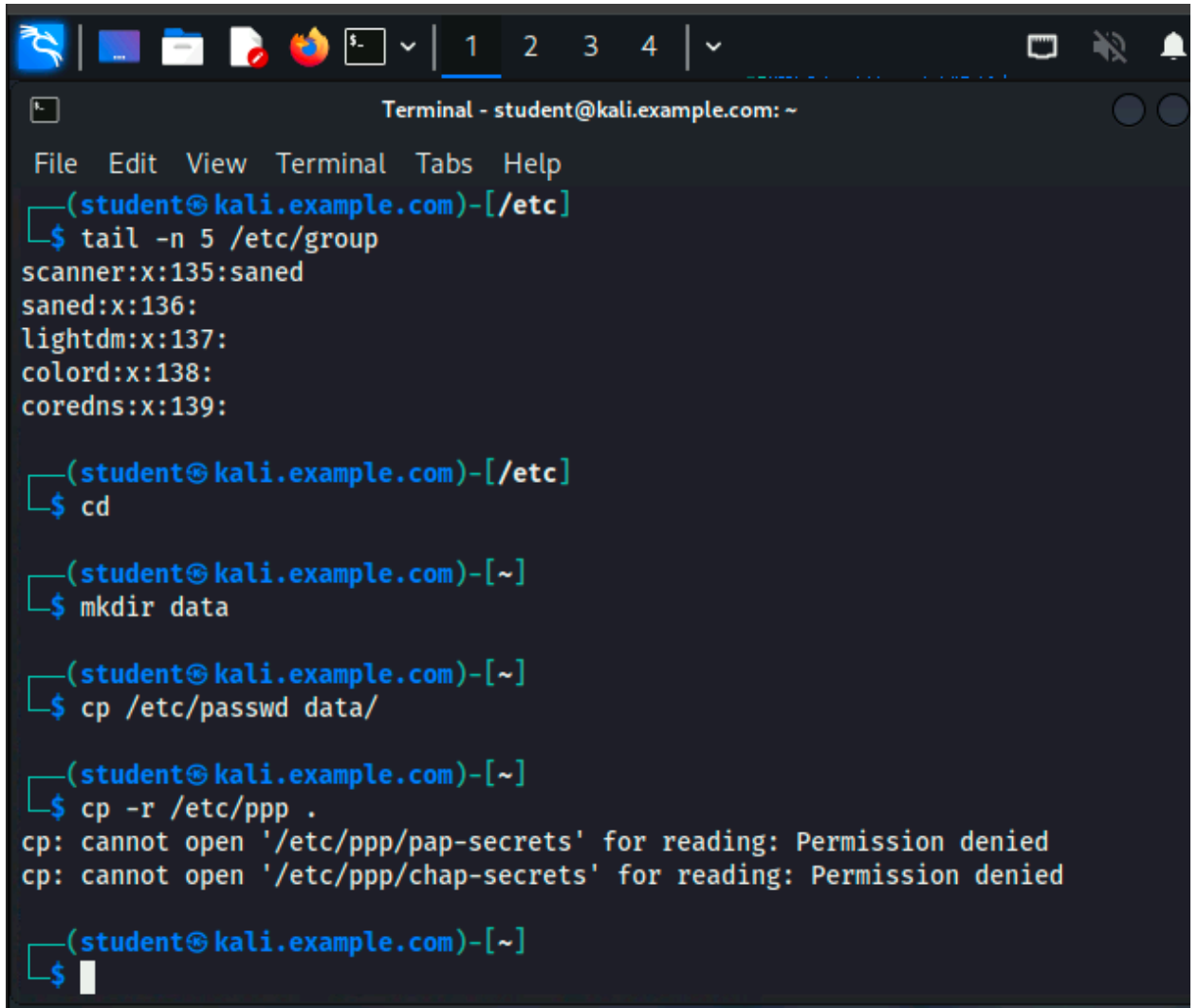
(student@kali.example.com)-[~]
$ cp /etc/passwd data/

(student@kali.example.com)-[~]
$ cp -r /etc/ppp .
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied

(student@kali.example.com)-[~]
$ mv ppp peers

(student@kali.example.com)-[~]
$
```

6.



```
Terminal - student@kali.example.com: ~
File Edit View Terminal Tabs Help
(student@kali.example.com)-[/etc]
$ tail -n 5 /etc/group
scanner:x:135:saned
saned:x:136:
lightdm:x:137:
colord:x:138:
coredns:x:139:

(student@kali.example.com)-[/etc]
$ cd

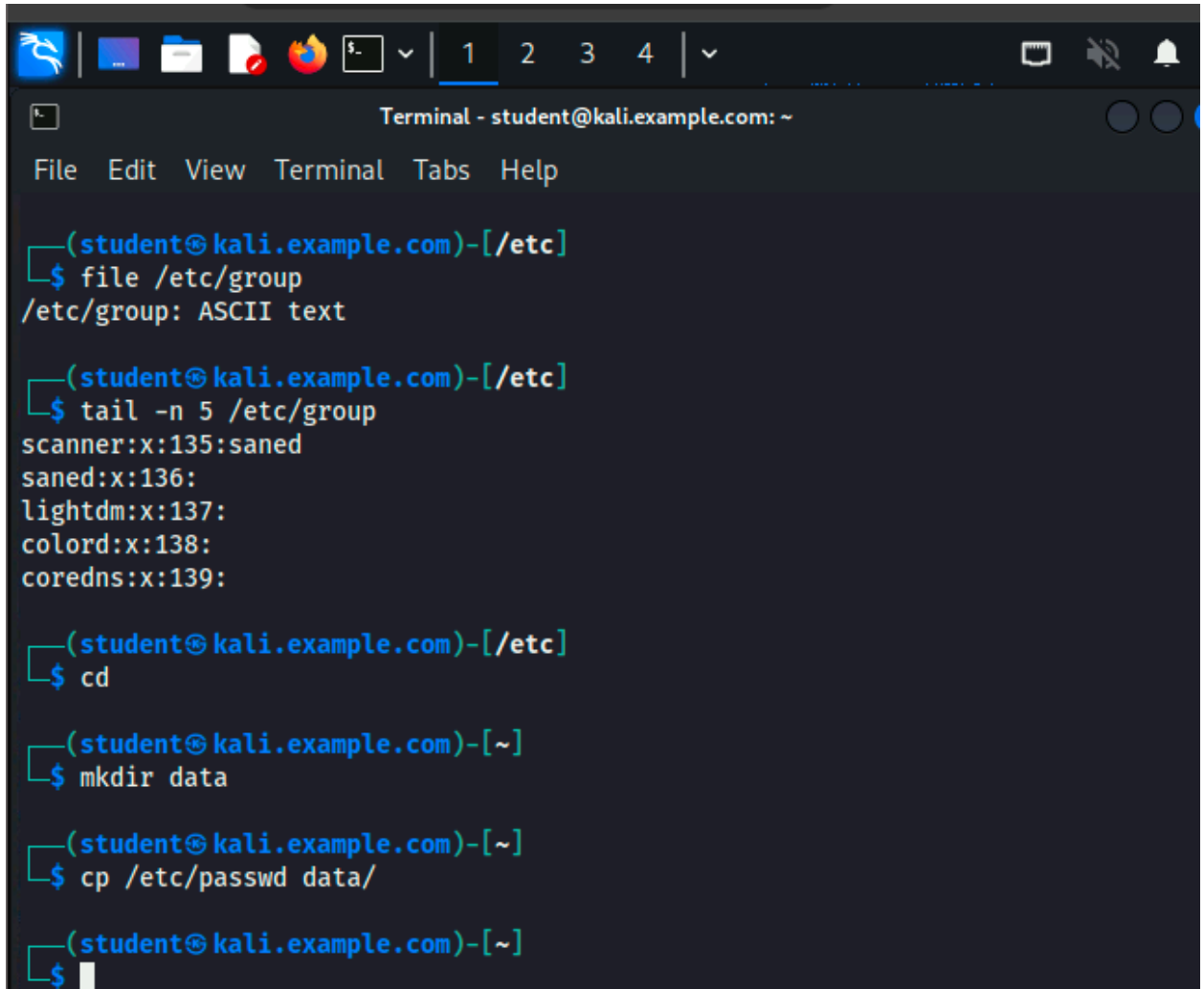
(student@kali.example.com)-[~]
$ mkdir data

(student@kali.example.com)-[~]
$ cp /etc/passwd data/

(student@kali.example.com)-[~]
$ cp -r /etc/ppp .
cp: cannot open '/etc/ppp/pap-secrets' for reading: Permission denied
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied

(student@kali.example.com)-[~]
$
```

7.



```
Terminal - student@kali.example.com: ~
File Edit View Terminal Tabs Help

(student@kali.example.com)-[/etc]
$ file /etc/group
/etc/group: ASCII text

(student@kali.example.com)-[/etc]
$ tail -n 5 /etc/group
scanner:x:135:saned
saned:x:136:
lightdm:x:137:
colord:x:138:
coredns:x:139:

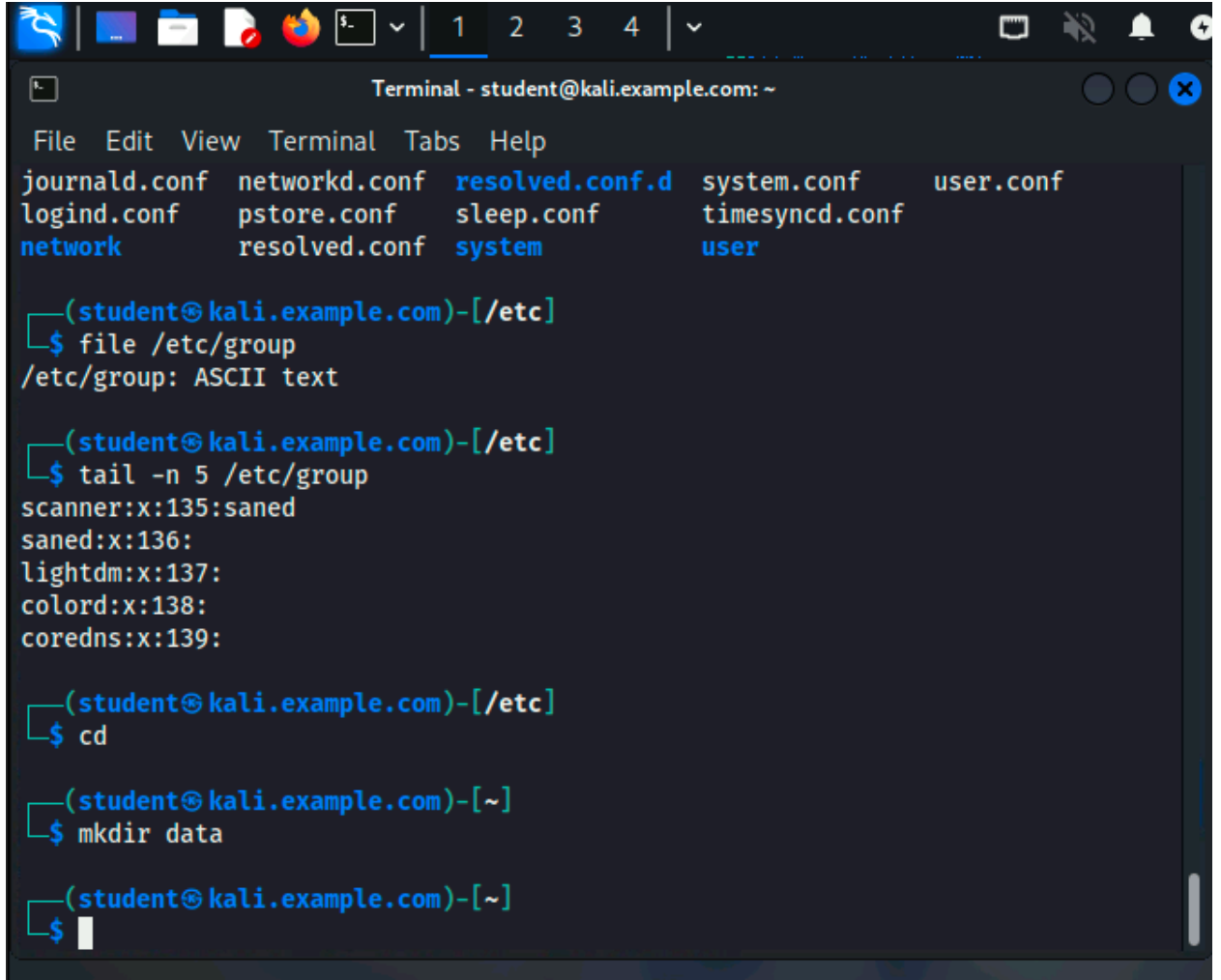
(student@kali.example.com)-[/etc]
$ cd

(student@kali.example.com)-[~]
$ mkdir data

(student@kali.example.com)-[~]
$ cp /etc/passwd data/

(student@kali.example.com)-[~]
$
```

8.



The image shows a terminal window titled "Terminal - student@kali.example.com: ~". The window has a menu bar with "File", "Edit", "View", "Terminal", "Tabs", and "Help". The terminal content is as follows:

```
journald.conf  networkd.conf  resolved.conf.d  system.conf  user.conf
logind.conf    pstore.conf    sleep.conf       timesyncd.conf
network        resolved.conf  system           user

(student@kali.example.com)-[/etc]
└─$ file /etc/group
/etc/group: ASCII text

(student@kali.example.com)-[/etc]
└─$ tail -n 5 /etc/group
scanner:x:135:saned
saned:x:136:
lightdm:x:137:
colord:x:138:
coredns:x:139:

(student@kali.example.com)-[/etc]
└─$ cd

(student@kali.example.com)-[~]
└─$ mkdir data

(student@kali.example.com)-[~]
└─$
```

9.

```
Terminal - student@kali.example.com: ~
File Edit View Terminal Tabs Help
sysstat sysstat.ioconf

systemd:
journald.conf networkd.conf resolved.conf.d system.conf user.conf
logind.conf pstore.conf sleep.conf timesyncd.conf
network resolved.conf system user

(student@kali.example.com)-[/etc]
$ file /etc/group
/etc/group: ASCII text

(student@kali.example.com)-[/etc]
$ tail -n 5 /etc/group
scanner:x:135:saned
saned:x:136:
lightdm:x:137:
colord:x:138:
coredns:x:139:

(student@kali.example.com)-[/etc]
$ cd

(student@kali.example.com)-[~]
$
```

10.

```
Terminal - student@kali.example.com: /etc
File Edit View Terminal Tabs Help
README.sysctl

sysstat:
sysstat sysstat.ioconf

systemd:
journald.conf networkd.conf resolved.conf.d system.conf user.conf
logind.conf pstore.conf sleep.conf timesyncd.conf
network resolved.conf system user

(student@kali.example.com)-[/etc]
$ file /etc/group
/etc/group: ASCII text

(student@kali.example.com)-[/etc]
$ tail -n 5 /etc/group
scanner:x:135:saned
saned:x:136:
lightdm:x:137:
colord:x:138:
coredns:x:139:

(student@kali.example.com)-[/etc]
$
```

11.

```
Terminal - student@kali.example.com: /etc
File Edit View Terminal Tabs Help

supercat:
sprec-crontab spcrc-crontab-light

sv:
pcscd ssh

sysctl.d:
README.sysctl

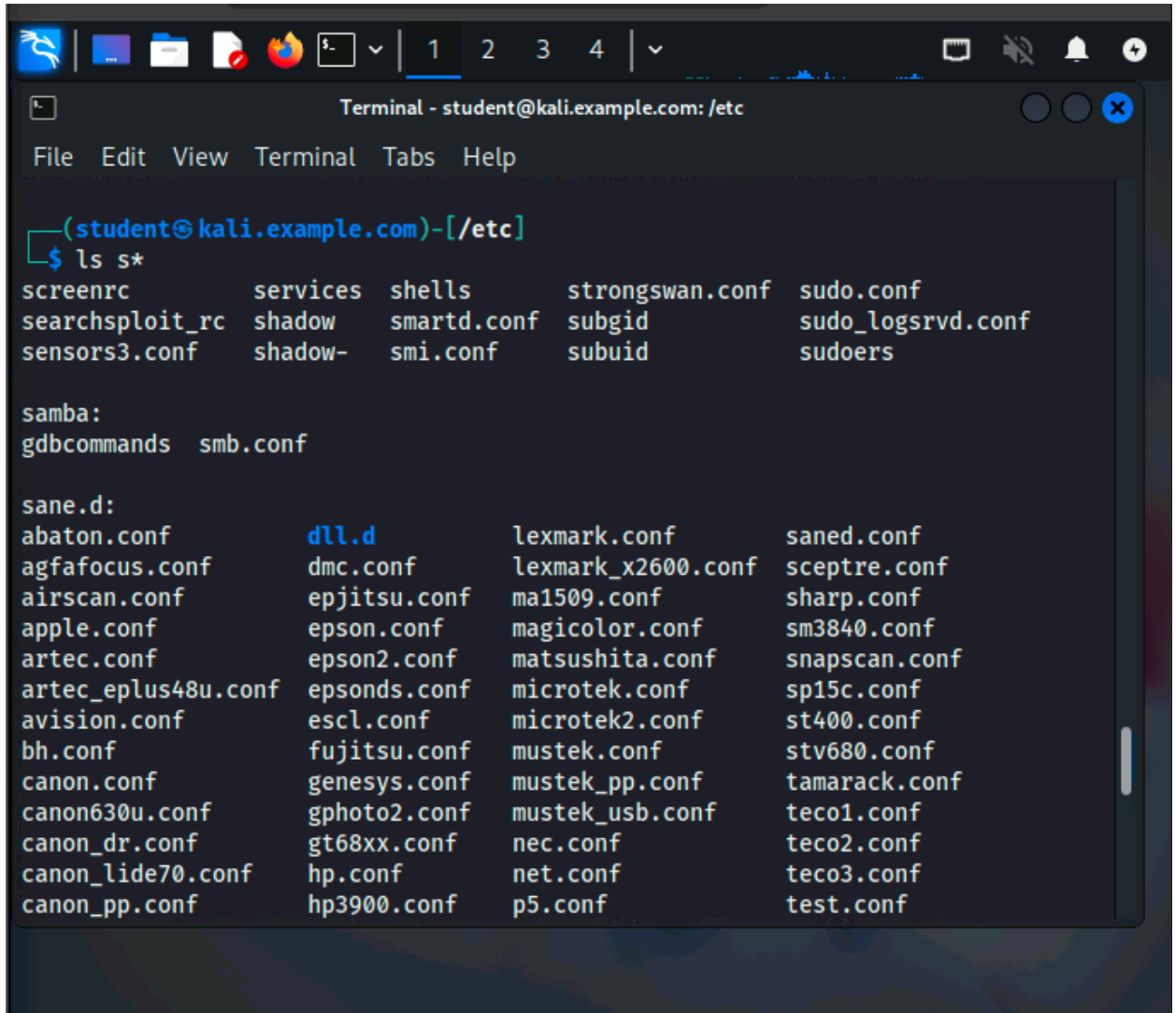
sysstat:
sysstat sysstat.ioconf

systemd:
journald.conf networkd.conf resolved.conf.d system.conf user.conf
logind.conf pstore.conf sleep.conf timesyncd.conf
network resolved.conf system user

(student@kali.example.com)-[/etc]
$ file /etc/group
/etc/group: ASCII text

(student@kali.example.com)-[/etc]
$
```

12.



Terminal - student@kali.example.com: /etc

File Edit View Terminal Tabs Help

```
(student@kali.example.com)-[/etc]
$ ls s*
screenrc          services  shells      strongswan.conf  sudo.conf
searchsploit_rc  shadow    smartd.conf  subgid           sudo_logsrvd.conf
sensors3.conf    shadow-   smi.conf     subuid           sudoers

samba:
gdbcommands  smb.conf

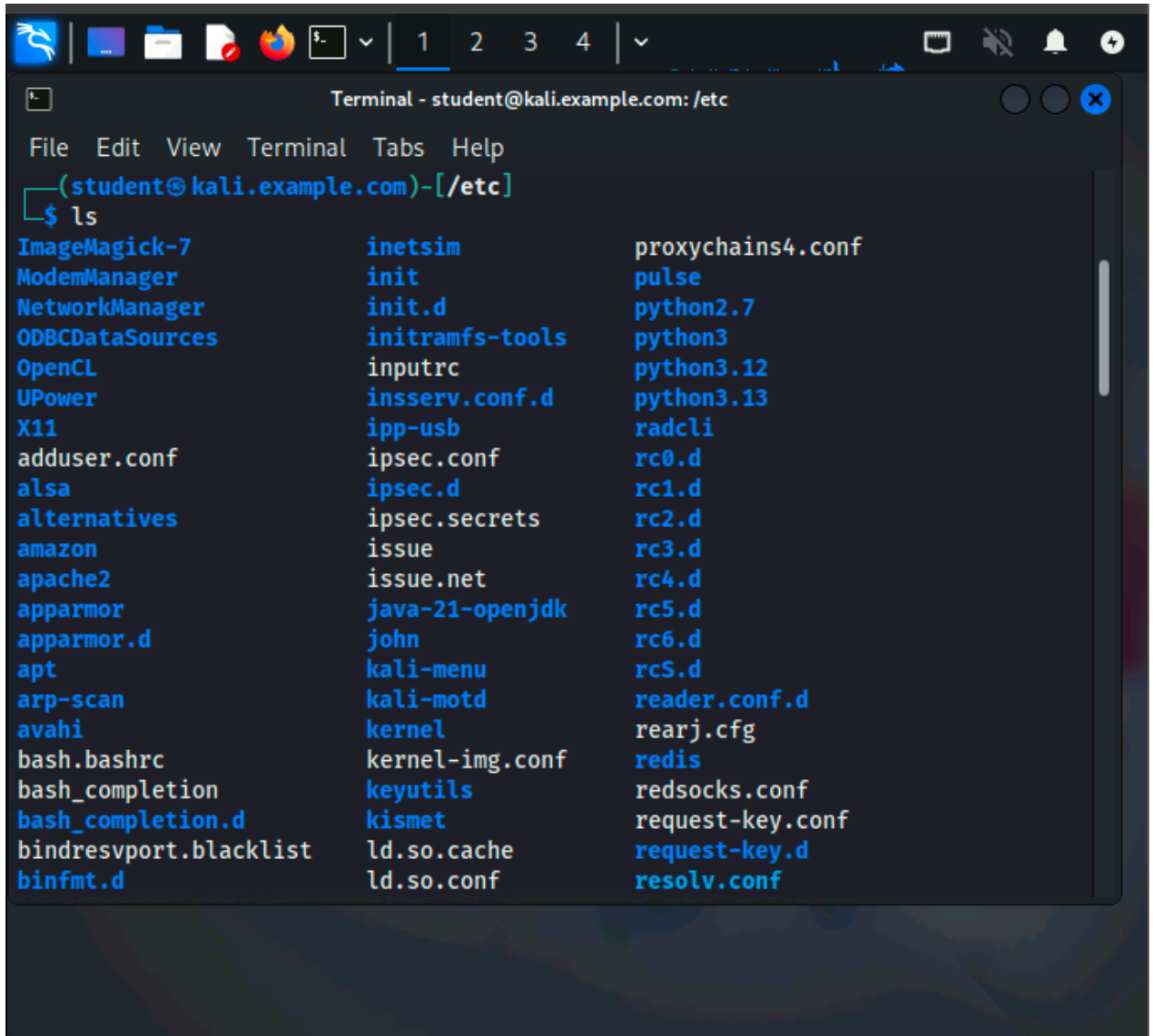
sane.d:
abaton.conf      dll.d      lexmark.conf   saned.conf
agfafocus.conf   dmc.conf   lexmark_x2600.conf  sceptre.conf
airscan.conf     epjitsu.conf  ma1509.conf      sharp.conf
apple.conf        epon.conf   magicolor.conf   sm3840.conf
artec.conf        epon2.conf  matsushita.conf  snapscan.conf
artec_eplus48u.conf  epsonds.conf  microtek.conf    sp15c.conf
avision.conf      escl.conf   microtek2.conf   st400.conf
bh.conf           fujitsu.conf  mustek.conf      stv680.conf
canon.conf        genesys.conf  mustek_pp.conf   tamarack.conf
canon630u.conf    gphoto2.conf  mustek_usb.conf  teco1.conf
canon_dr.conf     gt68xx.conf  nec.conf         teco2.conf
canon_lide70.conf  hp.conf     net.conf         teco3.conf
canon_pp.conf     hp3900.conf  p5.conf         test.conf
```

13.

```
Terminal - student@kali.example.com: /etc
File Edit View Terminal Tabs Help
idmapd.conf          profile.d          zsh_command_not_found
ifplugd             protocols

(student@kali.example.com)-[/etc]
└─$ ls -l
total 1608
drwxr-xr-x  2 root   root    4096 May  8 14:42 ImageMagick-7
drwxr-xr-x  4 root   root    4096 May  8 14:41 ModemManager
drwxr-xr-x  8 root   root    4096 May  8 14:44 NetworkManager
drwxr-xr-x  2 root   root    4096 Dec 17 2024 ODBCDataSources
drwxr-xr-x  3 root   root    4096 May  8 14:39 OpenCL
drwxr-xr-x  2 root   root    4096 May  8 14:46 UPower
drwxr-xr-x 12 root   root    4096 May  8 14:47 X11
-rw-r--r--  1 root   root    3981 Mar  8 2025 adduser.conf
drwxr-xr-x  3 root   root    4096 May  8 14:40 alsa
drwxr-xr-x  2 root   root   20480 May  8 14:47 alternatives
drwxr-xr-x  3 root   root    4096 May  8 14:36 amazon
drwxr-xr-x  8 root   root    4096 May  8 14:46 apache2
drwxr-xr-x  2 root   root    4096 May  8 14:32 apparmor
drwxr-xr-x  8 root   root    4096 May  8 14:48 apparmor.d
drwxr-xr-x  8 root   root    4096 May  8 14:31 apt
drwxr-xr-x  2 root   root    4096 May  8 14:42 arp-scan
drwxr-xr-x  3 root   root    4096 May  8 14:45 avahi
-rw-r--r--  1 root   root    1997 May  8 14:48 bash.bashrc
```

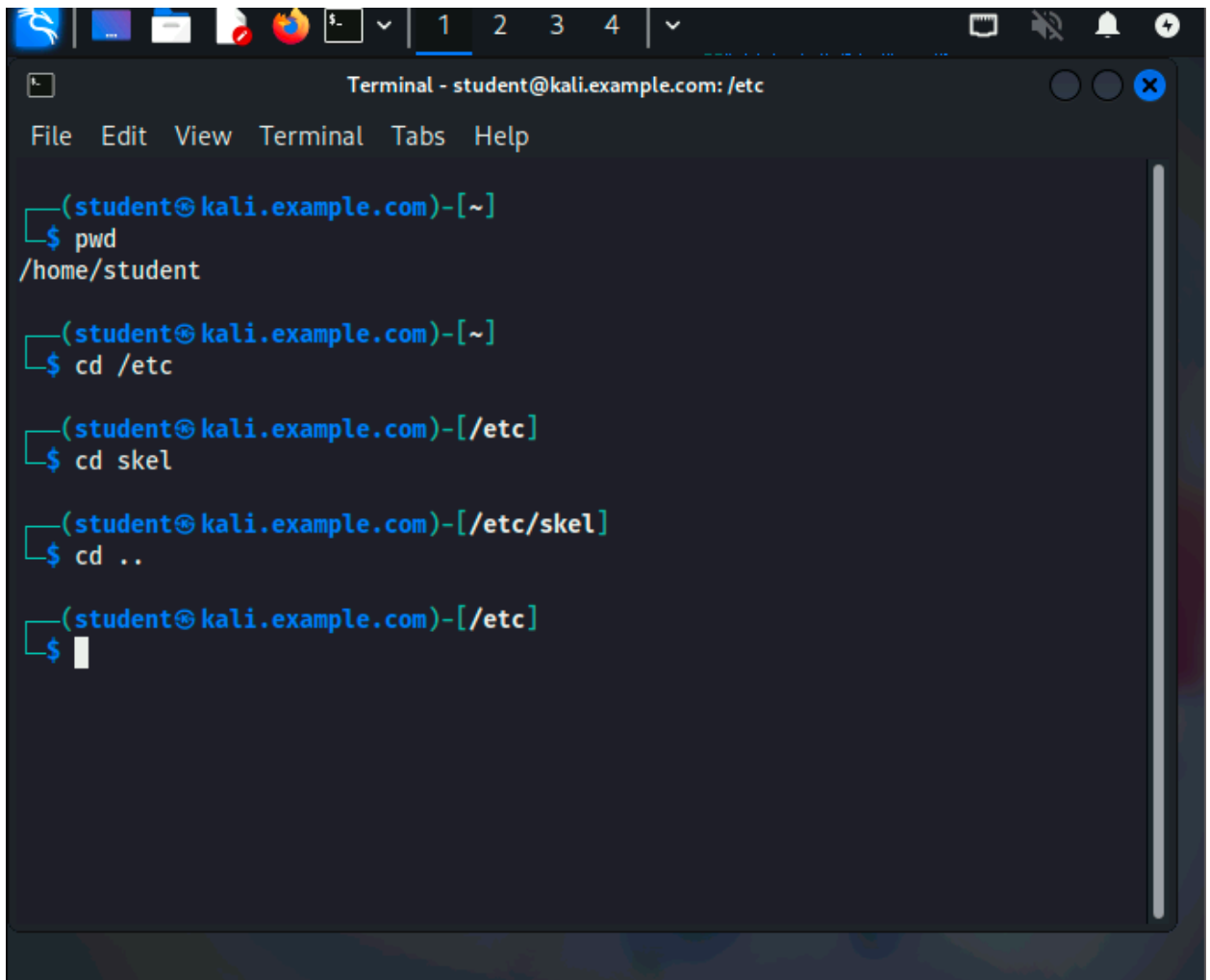
14.



Terminal - student@kali.example.com: /etc

```
File Edit View Terminal Tabs Help
(student@kali.example.com)-[/etc]
$ ls
ImageMagick-7          inetsim               proxychains4.conf
ModemManager          init                  pulse
NetworkManager       init.d                python2.7
ODBCDataSources      initramfs-tools      python3
OpenCL                inputrc               python3.12
UPower               inserv.conf.d        python3.13
X11                  ipp-usb               radcli
adduser.conf         ipsec.conf            rc0.d
alsa                 ipsec.d               rc1.d
alternatives         ipsec.secrets         rc2.d
amazon               issue                  rc3.d
apache2              issue.net              rc4.d
apparmor             java-21-openjdk       rc5.d
apparmor.d           john                   rc6.d
apt                  kali-menu              rcS.d
arp-scan             kali-motd              reader.conf.d
avahi                kernel                 rearj.cfg
bash.bashrc          kernel-img.conf       redis
bash_completion     keyutils               redsocks.conf
bash_completion.d   kismet                 request-key.conf
bindresvport.blacklist ld.so.cache            request-key.d
binfmt.d             ld.so.conf             resolv.conf
```

15.



```
Terminal - student@kali.example.com: /etc
File Edit View Terminal Tabs Help

(student@kali.example.com)-[~]
$ pwd
/home/student

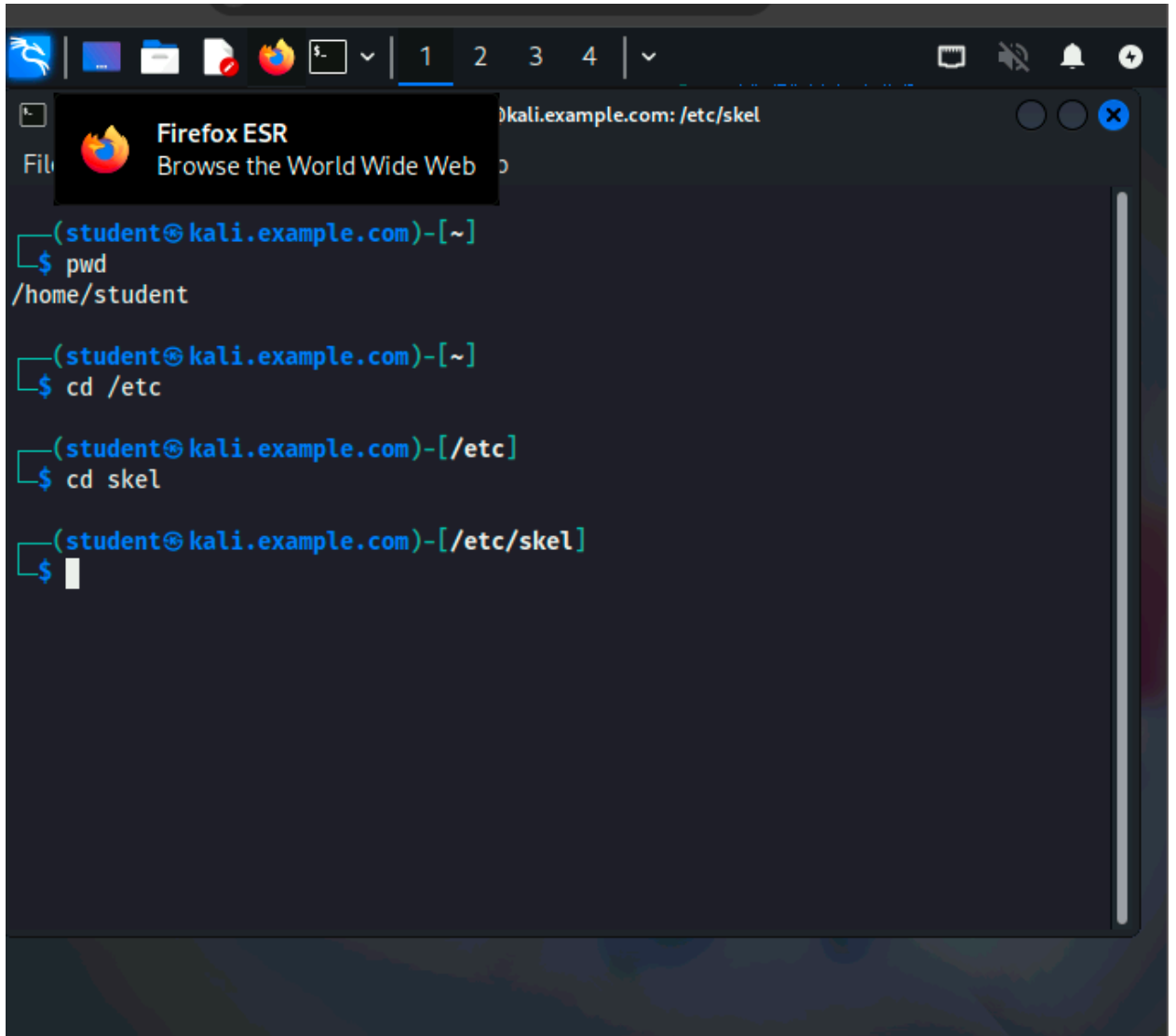
(student@kali.example.com)-[~]
$ cd /etc

(student@kali.example.com)-[/etc]
$ cd skel

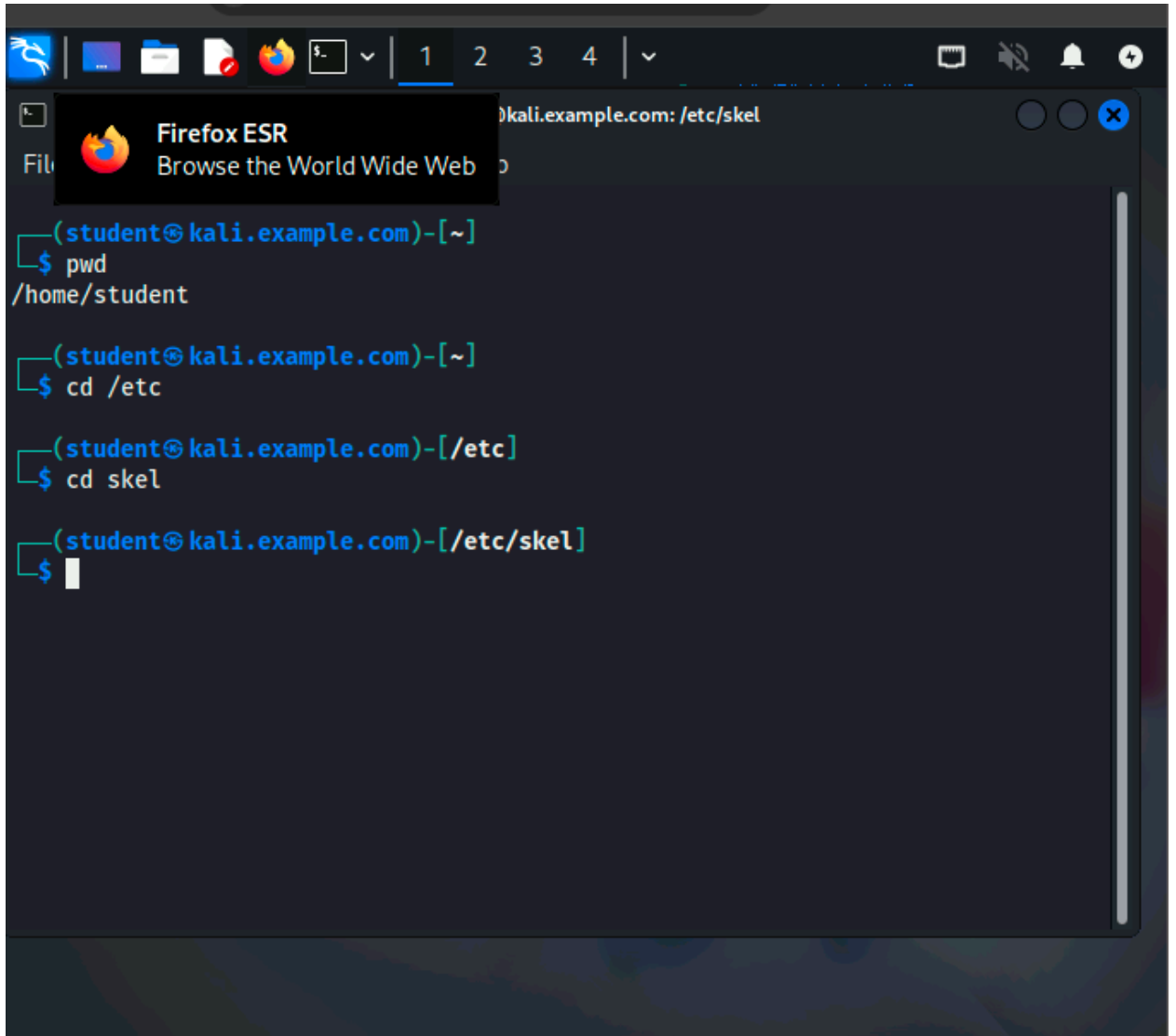
(student@kali.example.com)-[/etc/skel]
$ cd ..

(student@kali.example.com)-[/etc]
$
```

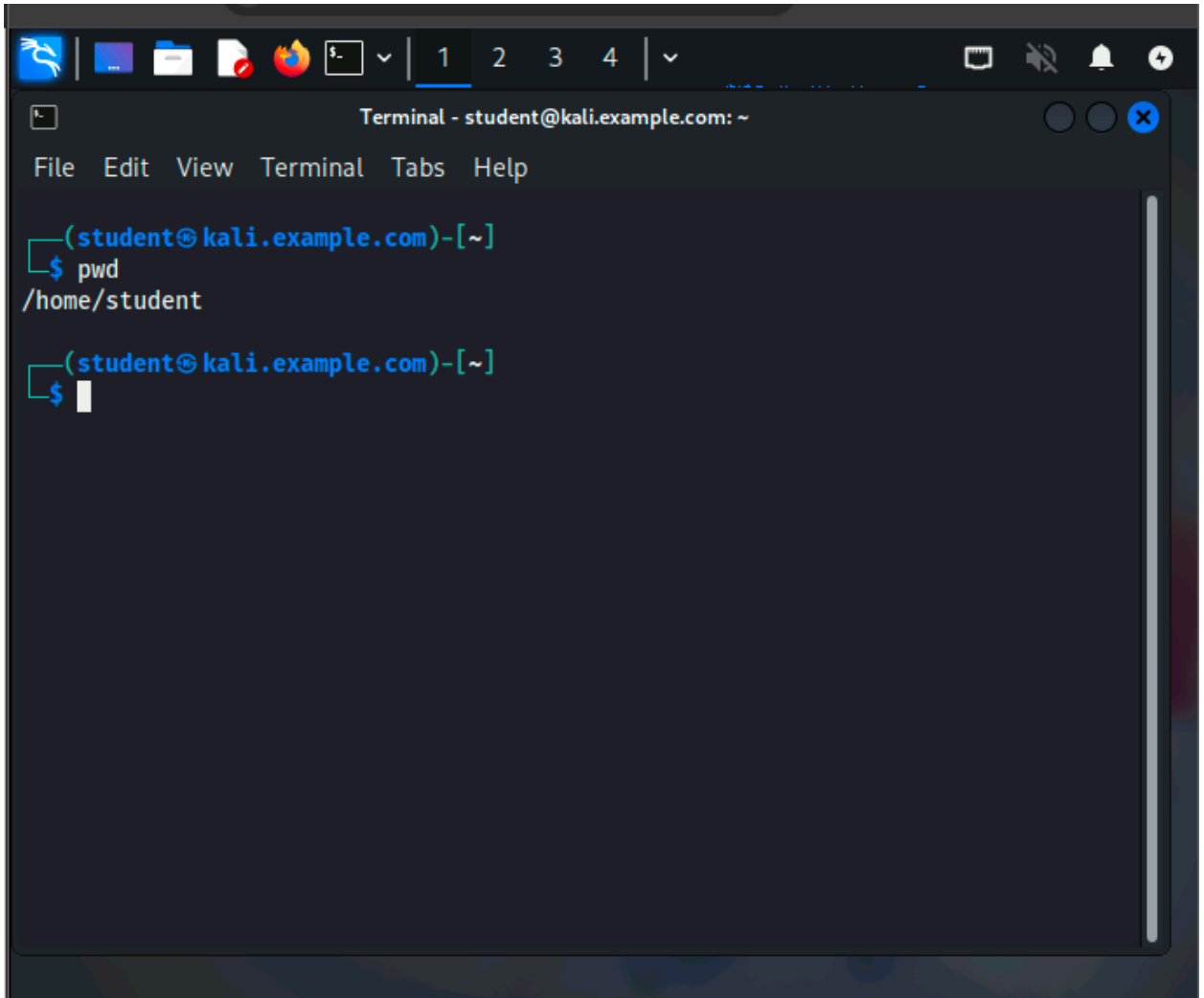
16.



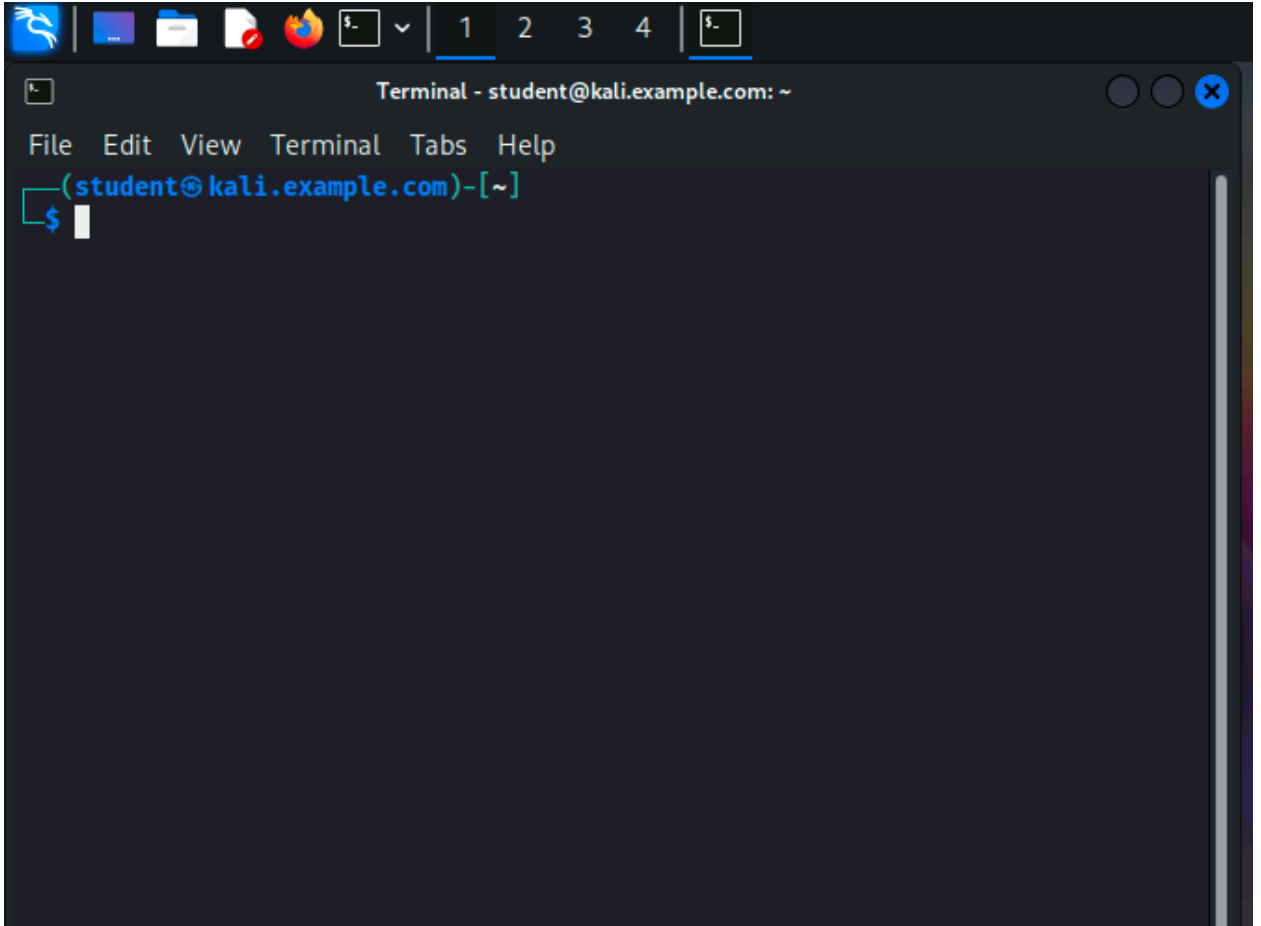
17.



18.



19.



20.