

CYSE 270 - Assignment 2 Aiden Johnson

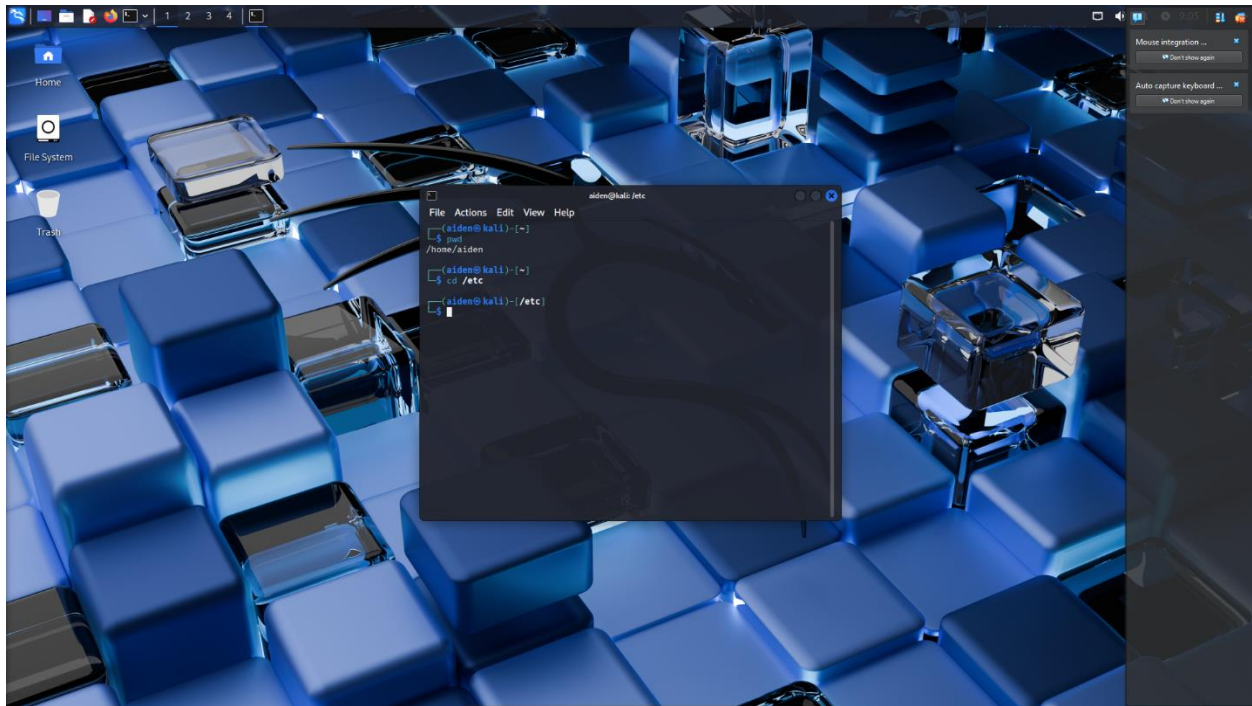
Step 1



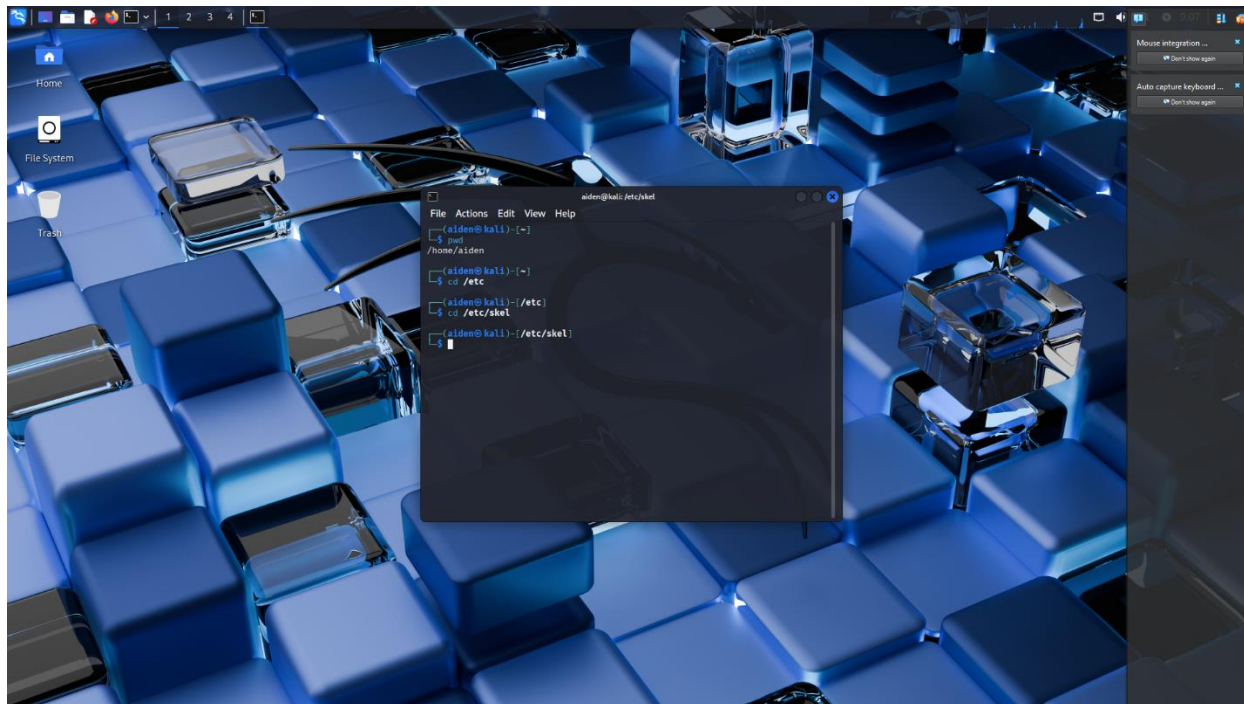
Step 2



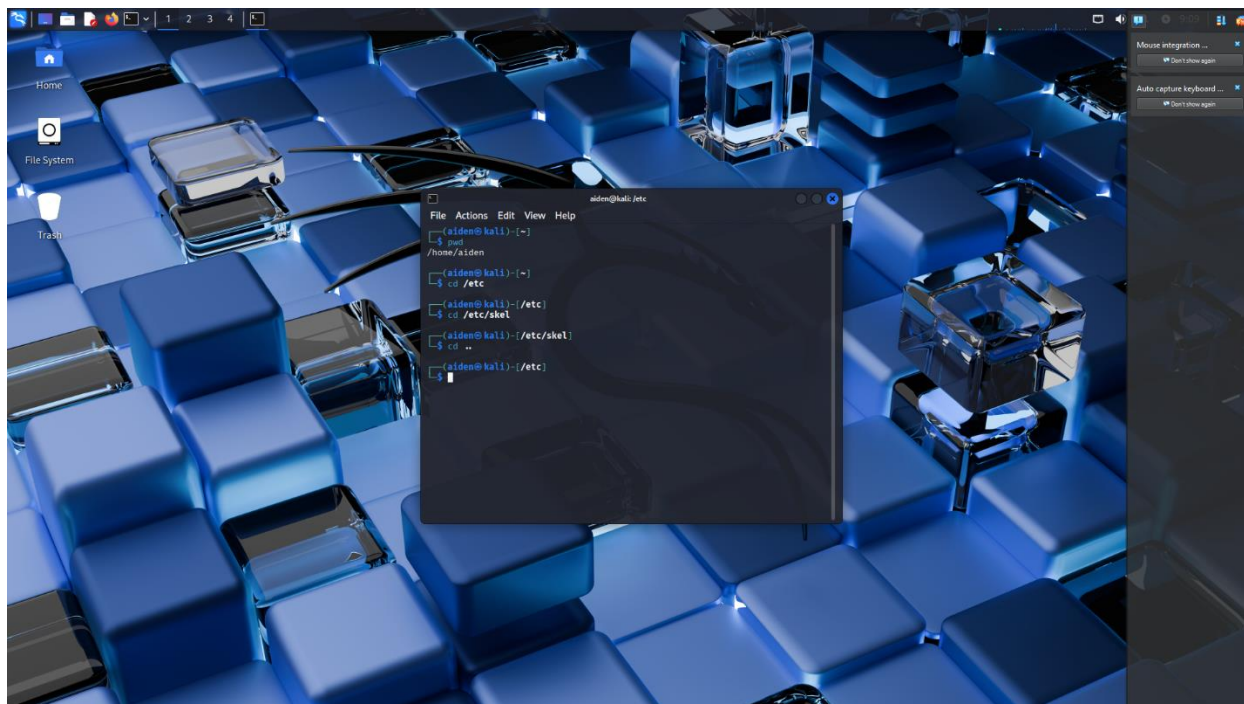
Step 3



Step 4



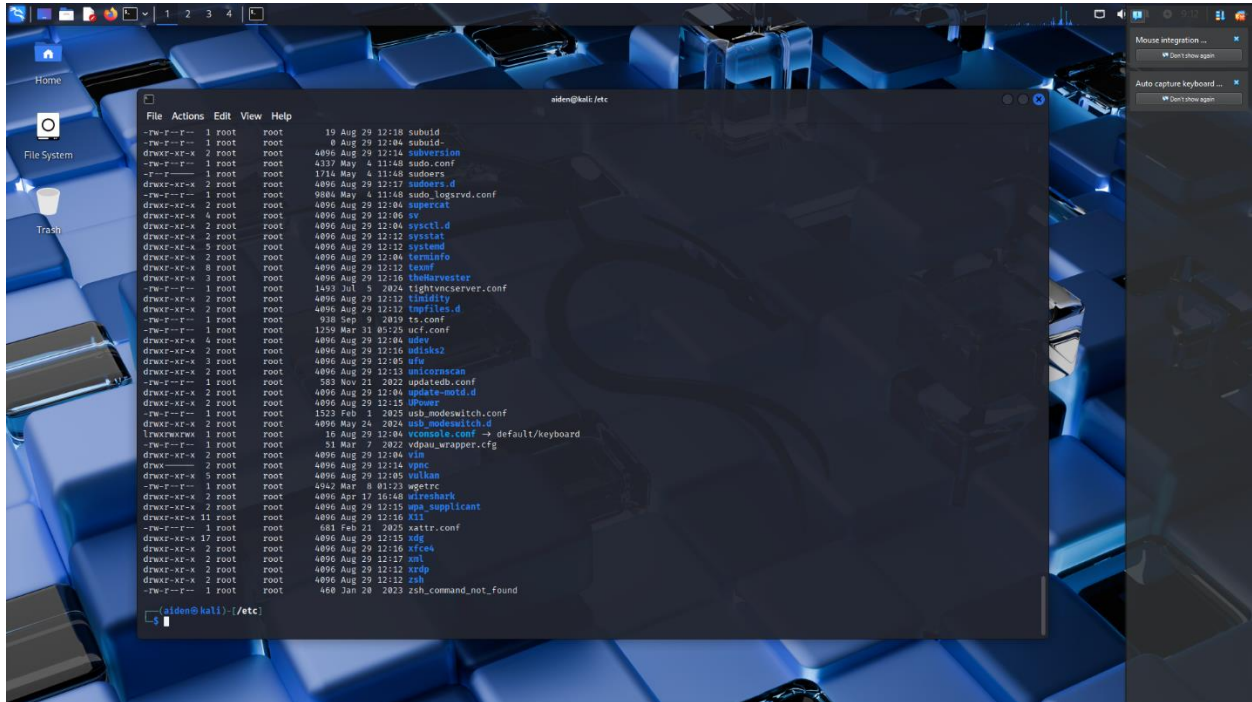
Step 5



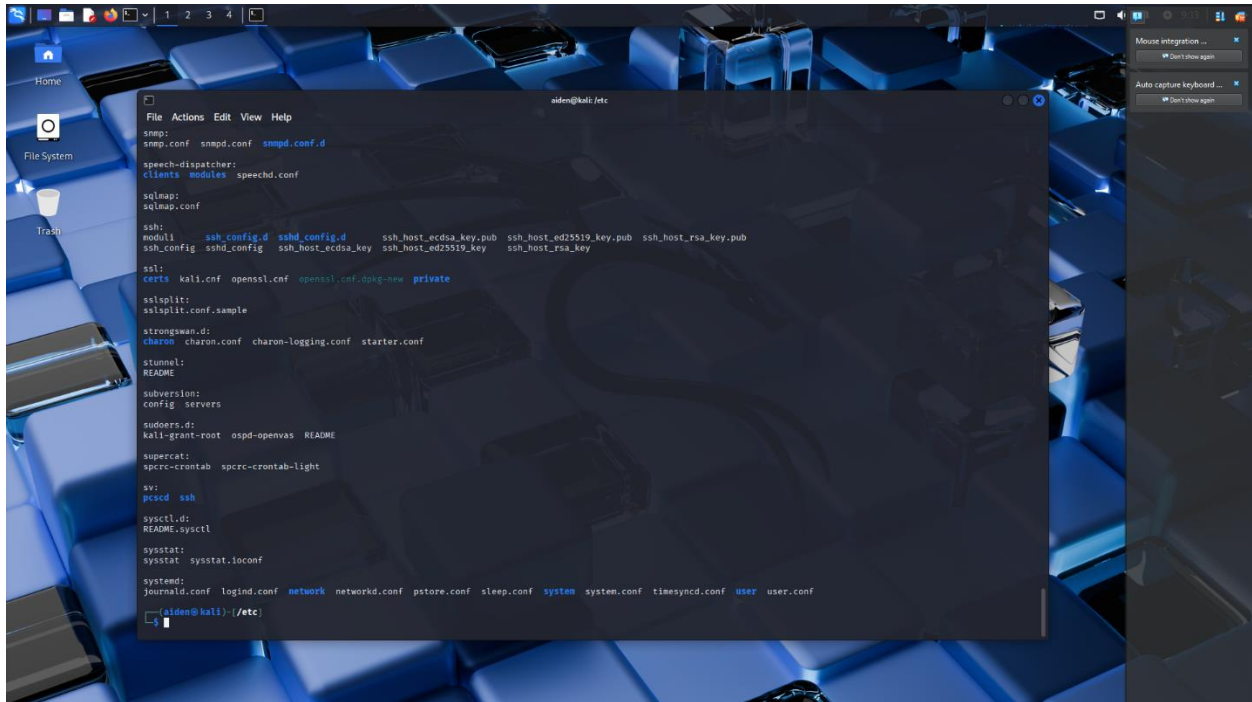
Step 6

```
aiden@kali: /etc
└─$ ls
adduser.conf          ipsec.conf          python3.13
alternatives         ipsec.secrets       rc1.d
apache2              issue               rc2.d
apparmor             issue.net           rc3.d
apparmor.d           java-21-openjdk     rc6.d
arp-scan             john                rc6.d
avahi                 kali-menu           rc6.d
bash.bashrc          kernel              rc6.d
bash_completion     kernel-ing.conf     rc6.d
bash_completion.d   keyutils            reader.conf.d
bindresvport.blacklist  kismet             rearj.cfg
binfmt.d             l2tp                redis
bluetooth           ld.so.cache         redsocks.conf
ca-certificates     ld.so.conf          request-key.conf
ca-certificates.conf  ld.so.conf.d       request-key.d
chatscripts          legion.conf         resolv.conf
chromium            libao.conf          responder
chromium.d          libaudit.conf      rvm
cifs-utils          libblockdev         rpc
cloud               libccid_info.plist  runit
colord              libl-1              samba
console-setup       libpaper.d          sane.d
crackmap             lightdm             scapel
credstore           lightdm             screenrc
credstore.encrypted  locale.alias        sddm.conf.d
cron.d              locale.conf         searchsploit_rc
cron.daily          locale.gen          security
cron.hourly         localtime           selinux
cron.monthly        logcheck            sensors.conf
crontab             login.defs          sensors.d
cron.weekly         logrotate.conf     services
cron.pearl          logrotate.d         sgml
cryptsetup-intrafs  machanger           shadow
cryptsetup-make-password  machine-id         shadow-
crypttab            magic               shells
cupshelpers         magic.mime          skel
dbus-1              nandpath.config    smartd.conf
dconf               natplotlibrc       smartmontools
debconf.conf        mime.types          sni.conf
debian_version     minicom             snmp
default             miredo              speech-dispatcher
deluser.conf        miredo.conf        sqlmap
depmod.d            nke2fs.conf        ssh
dhcp               NetworkManager     ssl
dhcpcd.conf         nodules             sslsplit
dictionaries-common  modules            strongswan.conf
dnstcpd.conf        modules-load.d     strongswan.d
doc-base           mosquitto           stunnel
dpkg               mtd                 subgid
*2scrub.conf        ntp                 subuid
eac                 ntpc                subuid-
emcs               netconf            subversion
environment         netniff-ng         sudo.conf
environment.d       network             sudoers
etherypes           NetworkManager     sudoers.d
ettercap            networks            sudo_logsrvd.conf
firebird
```

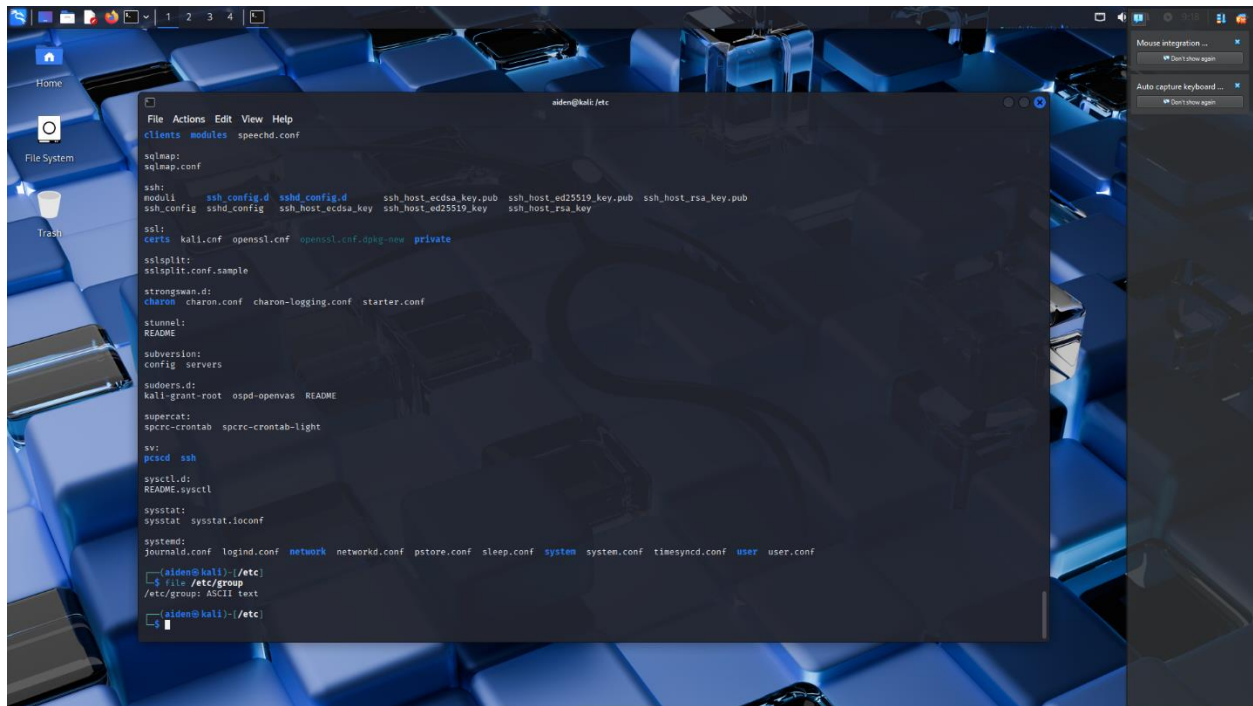
Step 7



Step 8

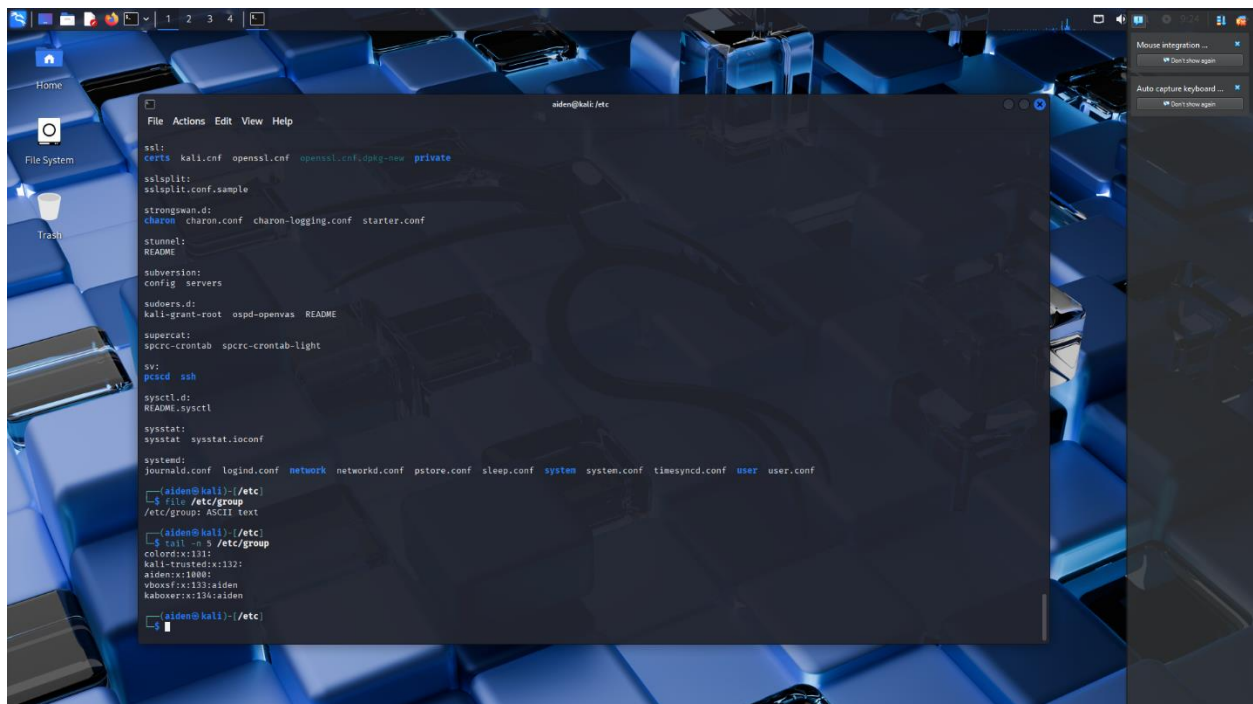


Step 9



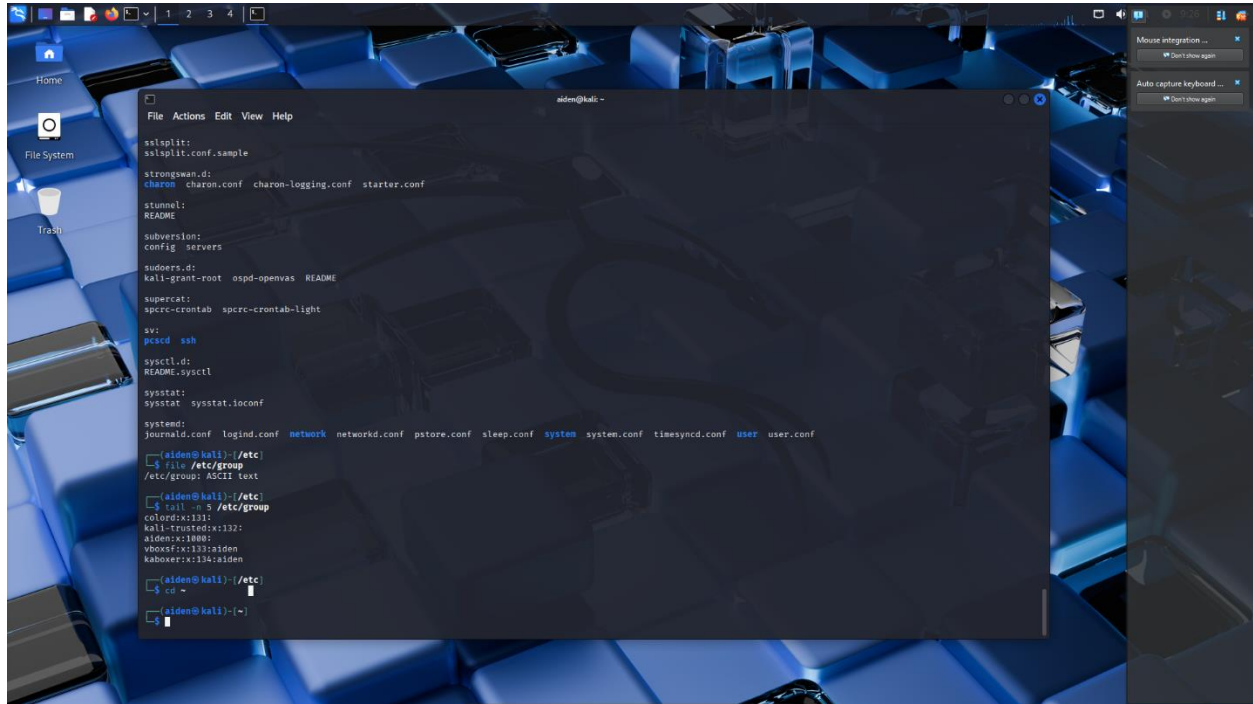
The screenshot shows a Kali Linux desktop with a blue keyboard background. A terminal window is open, displaying the output of the command `ls -l /etc`. The output lists various system configuration files and directories, including `clients`, `modules`, `speechd.conf`, `sqlmap.conf`, `ssh`, `moduli`, `ssh_config.d`, `sshd_config.d`, `ssh_host_ecdsa_key.pub`, `ssh_host_ed25519_key.pub`, `ssh_host_rsa_key.pub`, `ssh_config`, `sshd_config`, `ssh_host_ecdsa_key`, `ssh_host_ed25519_key`, `ssh_host_rsa_key`, `ssl`, `certs`, `kali.cnf`, `openssl.cnf`, `openssl.cnf.dpkg-new`, `private`, `sslsplit`, `sslsplit.conf.sample`, `strongswan.d`, `charon`, `charon.conf`, `charon-logging.conf`, `starter.conf`, `stunnel`, `README`, `subversion`, `config`, `servers`, `sudoers.d`, `kali-grant-root`, `ospd-opnvas`, `README`, `supercat`, `spircr-crontab`, `spircr-crontab-light`, `sv`, `pcscd`, `ssh`, `sysctl.d`, `README.sysctl`, `sysstat`, `sysstat`, `sysstat.ioconf`, and `systemd`. The `systemd` directory contains `journald.conf`, `logind.conf`, `network`, `networkd.conf`, `pstore.conf`, `sleep.conf`, `system`, `system.conf`, `timesyncd.conf`, and `user`, `user.conf`. The terminal prompt is `aiden@kali:~/etc`.

Step 10



The screenshot shows the same Kali Linux desktop environment. The terminal window now displays the output of the command `cat /etc/group`. The output shows the contents of the `/etc/group` file, including the `kali` group with members `aiden`, `colorxx:111:`, `kali-trusted:x:132:`, `aidenxx:1800:`, `vboxsfxx:133:aiden`, and `kabokerxx:136:aiden`. The terminal prompt is `aiden@kali:~/etc`.

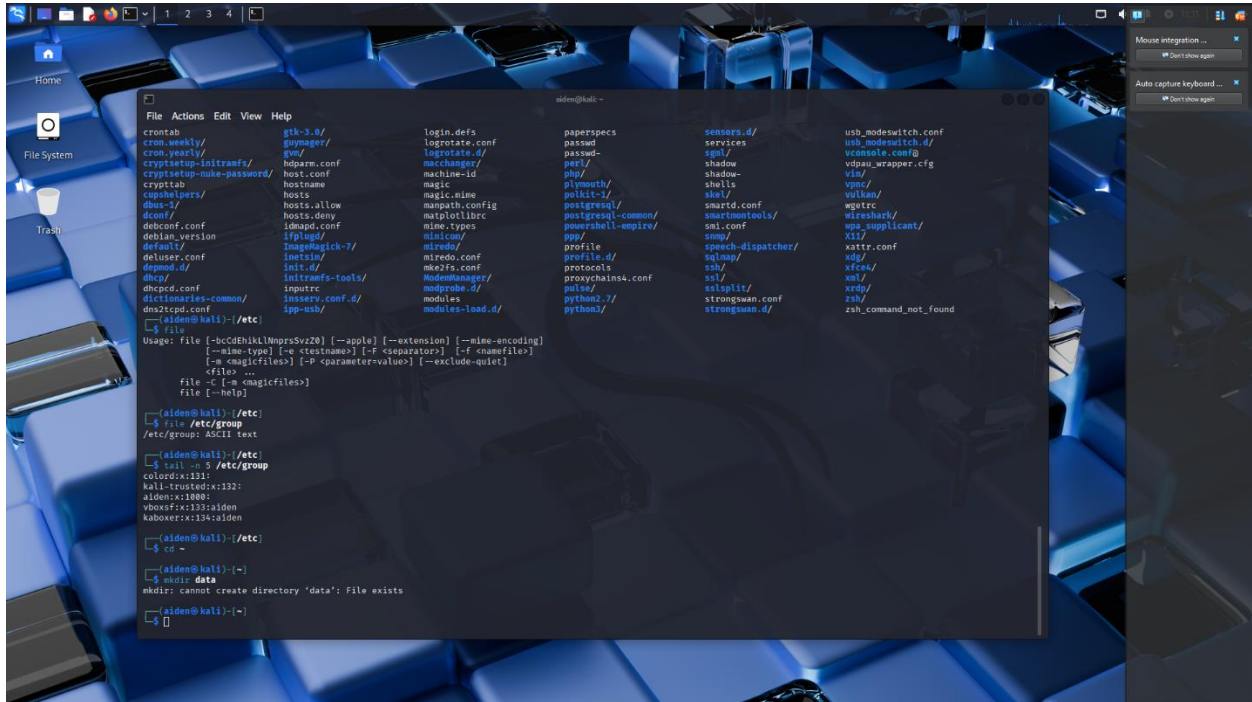
Step 11



The screenshot shows a Kali Linux desktop environment with a blue-themed background. A terminal window is open, displaying the following system file listings:

```
admin@kali ~  
File Actions Edit View Help  
selsplit:  
selsplit.conf.sample  
strongswan.d:  
charon charon.conf charon-logging.conf starter.conf  
stunnel:  
README  
subversion:  
config servers  
sudoers.d:  
kali-grant-root ospd-openvas README  
supercat:  
spsrc-crontab spsrc-crontab-light  
sv:  
pcscd ssh  
sysctl.d:  
README.sysctl  
sysstat:  
sysstat sysstat.ioconf  
system:  
journal.conf logind.conf network networkd.conf pstore.conf sleep.conf system system.conf timesyncd.conf user user.conf  
- (aiden@kali)~/etc  
└─ $ cd /etc/group  
/etc/group: ASCII text  
- (aiden@kali)~/etc  
└─ $ cd -n 5 /etc/group  
color:x:133:  
kali:trusted:x:132:  
aiden:x:1000:  
vboxsf:x:133:aiden  
kabouter:x:134:aiden  
- (aiden@kali)~/etc  
└─ $ cd -  
- (aiden@kali)~
```

Step 12



The screenshot shows a Kali Linux desktop environment with a terminal window open. The terminal displays the following commands and output:

```
aiden@kali:~$ file /etc/group
/etc/group ASCII text
aiden@kali:~$ file /etc/group
/etc/group ASCII text
aiden@kali:~$ cp /etc/passwd data
cp: cannot create directory 'data': File exists
aiden@kali:~$
```

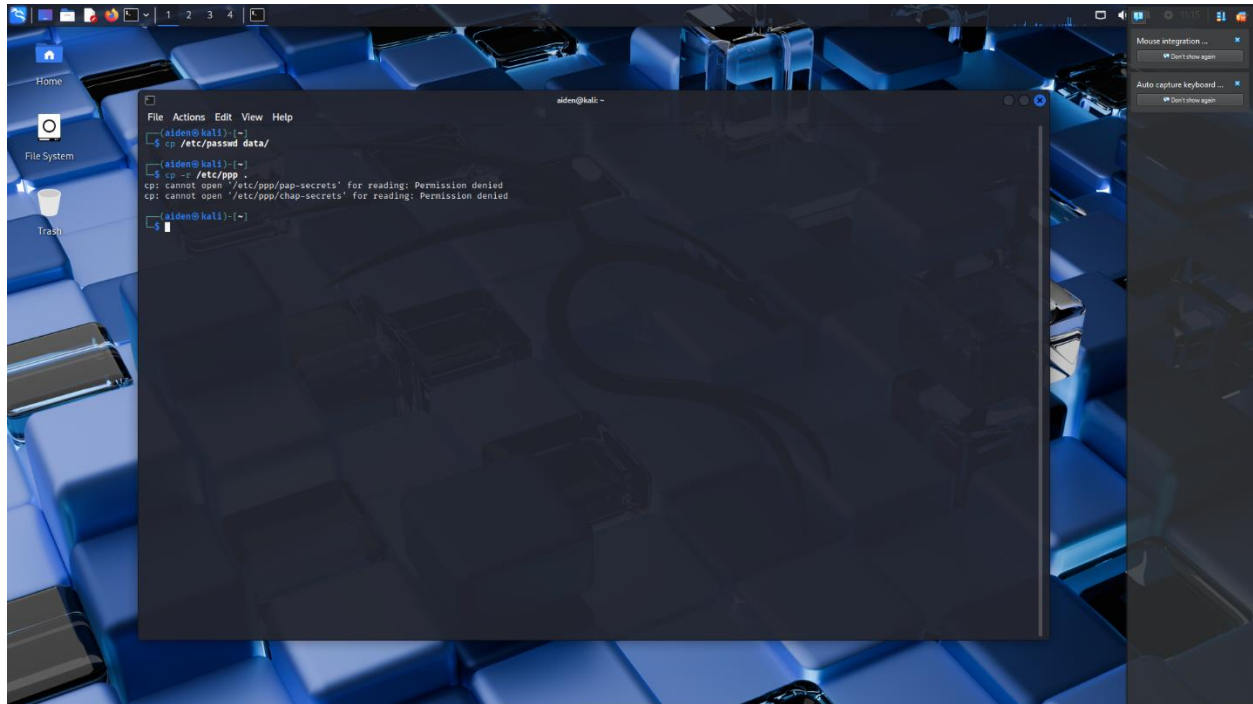
Step 13



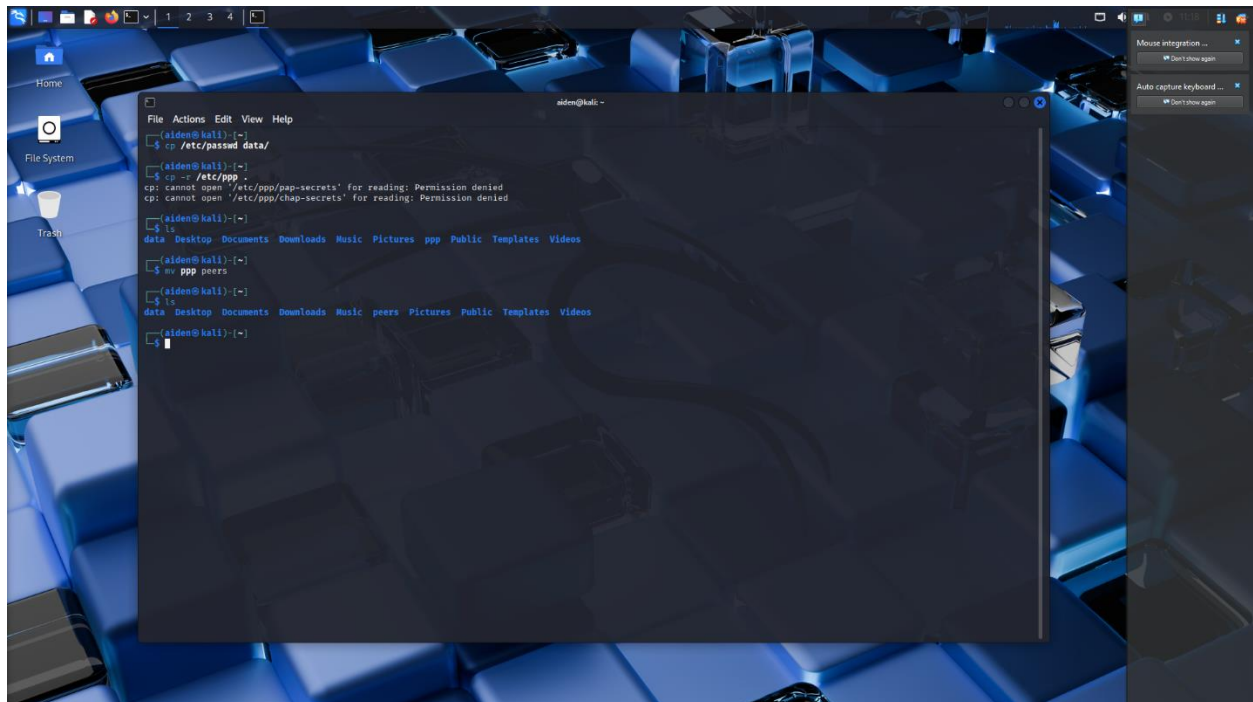
The screenshot shows a Kali Linux desktop environment with a terminal window open. The terminal displays the following commands and output:

```
aiden@kali:~$ cp /etc/passwd data
cp: cannot create directory 'data': File exists
aiden@kali:~$
```

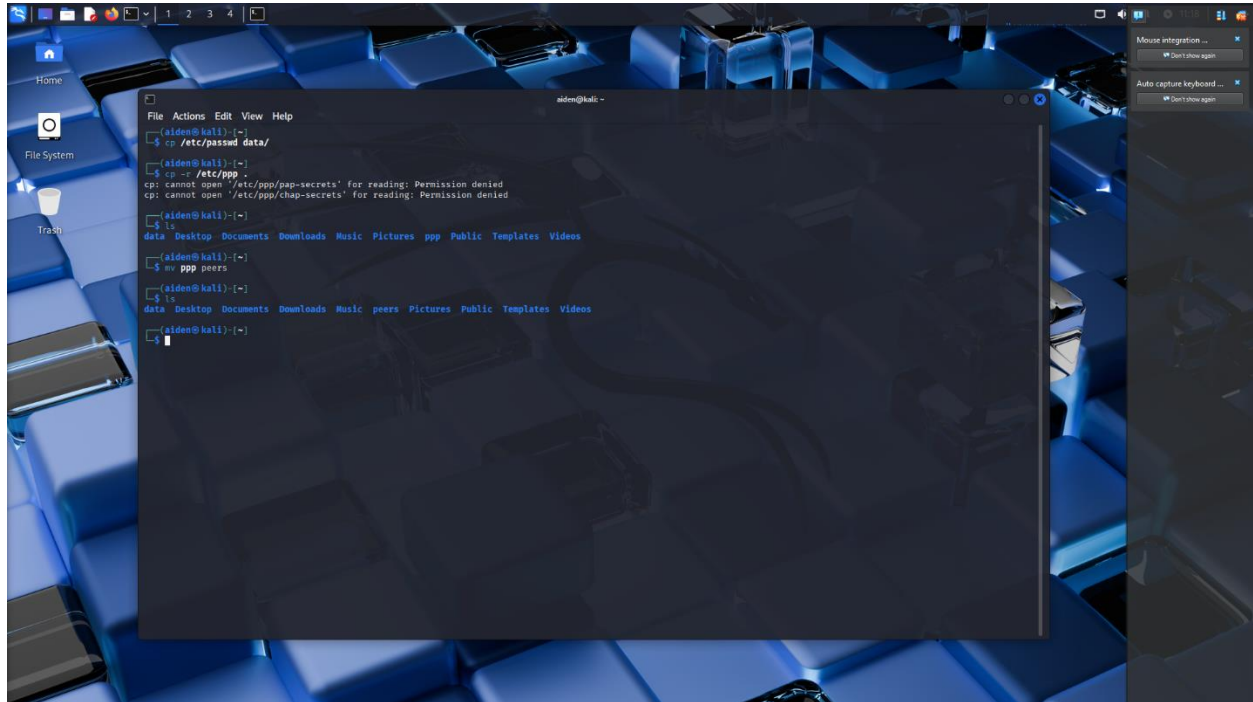
Step 14



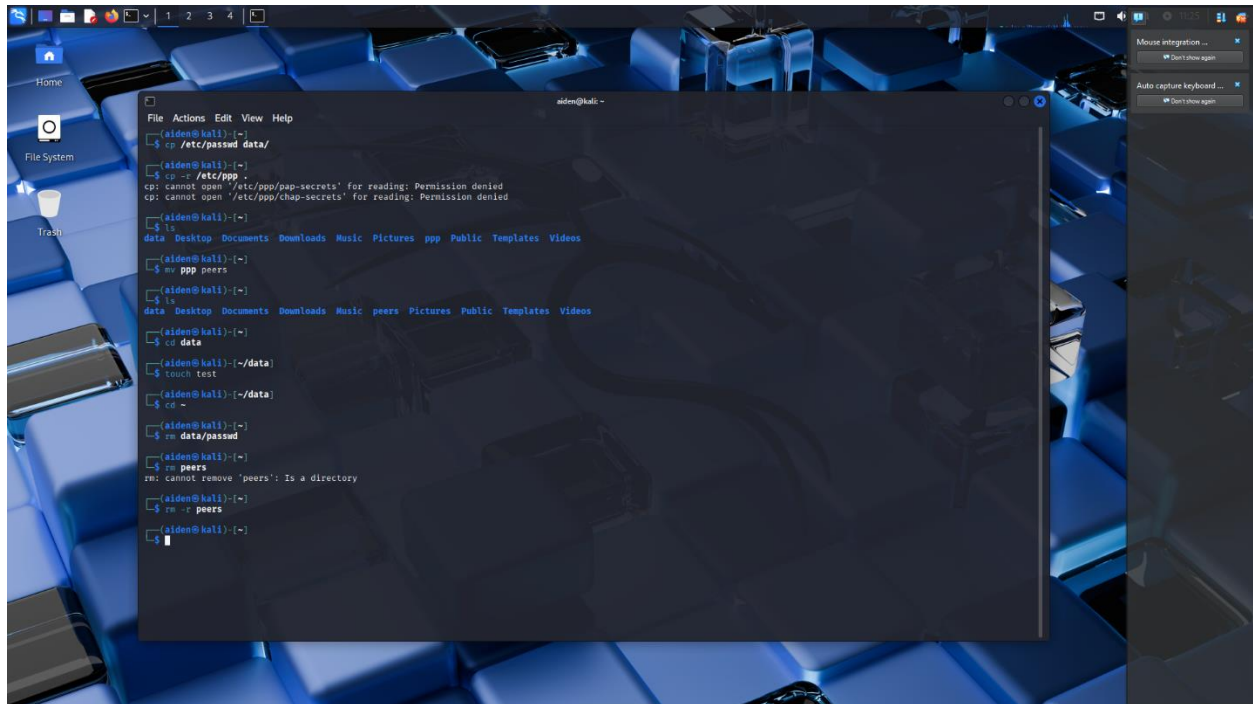
Step 15



Step 16



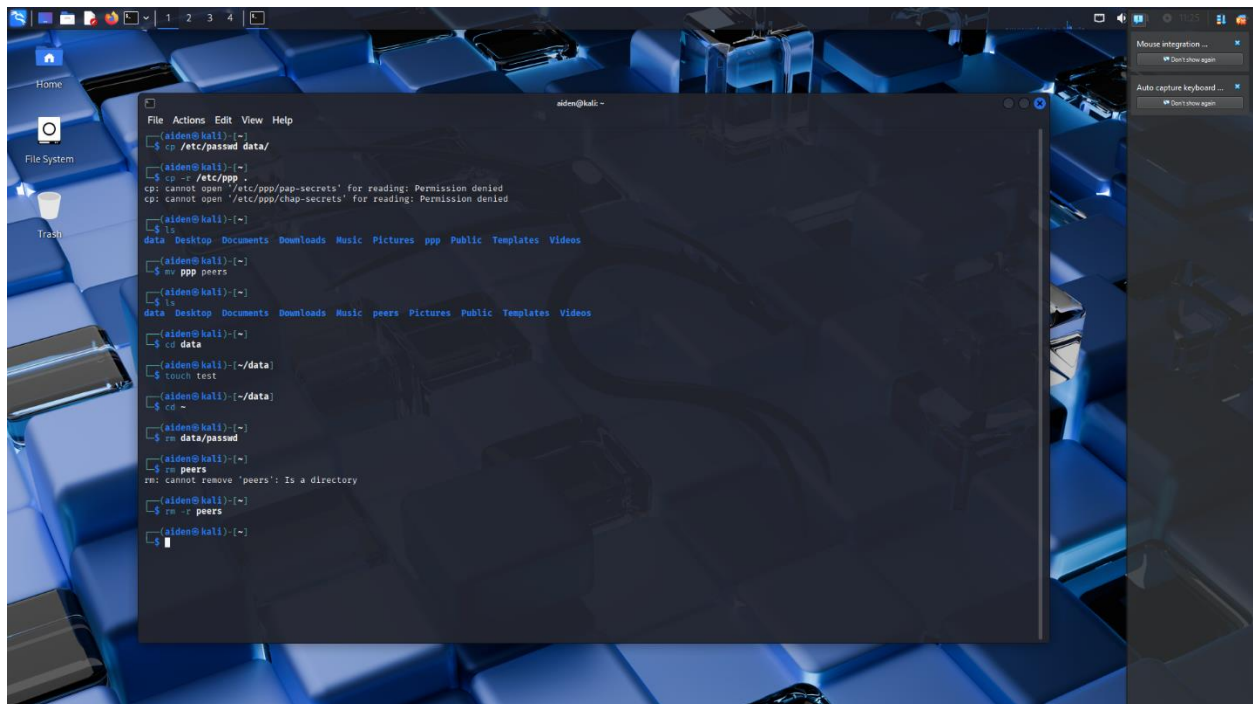
Step 17



A terminal window titled 'aiden@kali' is open on a Kali Linux desktop. The terminal shows the following sequence of commands and their outputs:

```
File Actions Edit View Help
(aiden@kali):~$ cp /etc/passwd data/
(aiden@kali):~$ 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
(aiden@kali):~$ ls
data Desktop Documents Downloads Music Pictures ppp Public Templates Videos
(aiden@kali):~$ mv ppp peers
(aiden@kali):~$ ls
data Desktop Documents Downloads Music peers Pictures Public Templates Videos
(aiden@kali):~$ cd data
(aiden@kali):~/data$ touch test
(aiden@kali):~/data$ cd -
(aiden@kali):~$ rm data/passwd
(aiden@kali):~$ rm peers
rm: cannot remove 'peers': Is a directory
(aiden@kali):~$ rm -r peers
(aiden@kali):~$
```

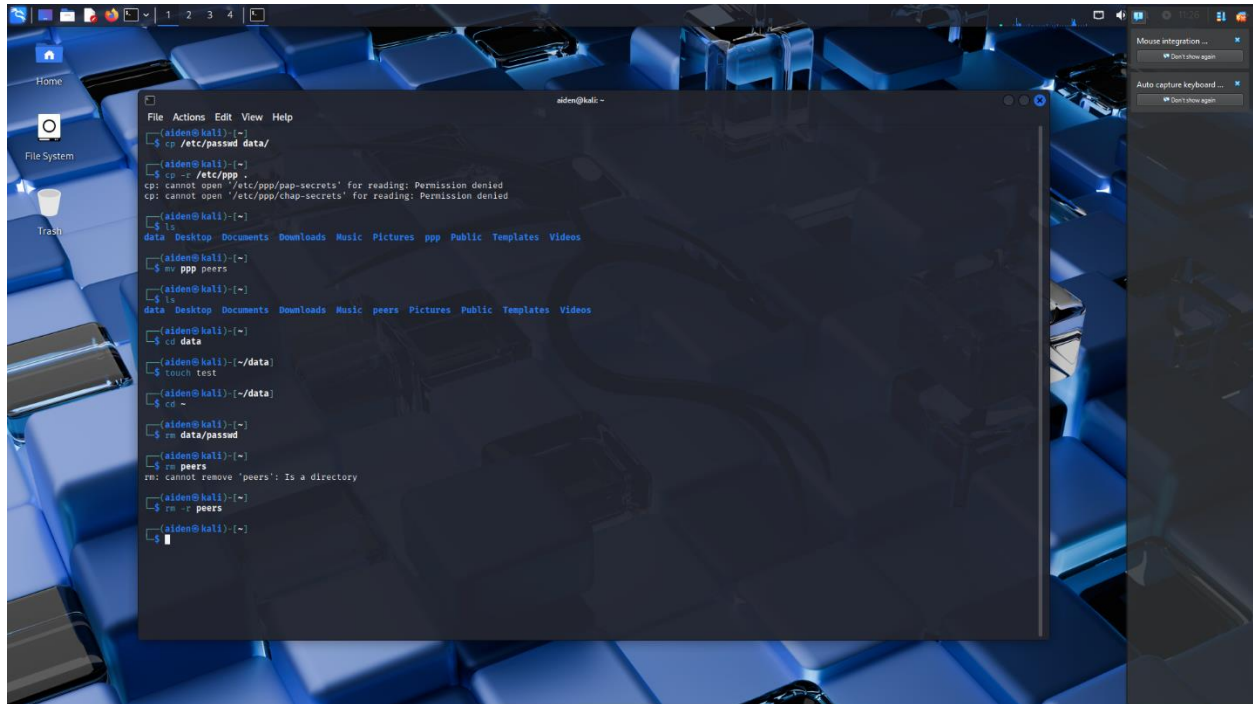
Step 18



A terminal window titled 'aiden@kali' is open on a Kali Linux desktop. The terminal shows the following sequence of commands and their outputs:

```
File Actions Edit View Help
(aiden@kali):~$ cp /etc/passwd data/
(aiden@kali):~$ 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
(aiden@kali):~$ ls
data Desktop Documents Downloads Music Pictures ppp Public Templates Videos
(aiden@kali):~$ mv ppp peers
(aiden@kali):~$ ls
data Desktop Documents Downloads Music peers Pictures Public Templates Videos
(aiden@kali):~$ cd data
(aiden@kali):~/data$ touch test
(aiden@kali):~/data$ cd -
(aiden@kali):~$ rm data/passwd
(aiden@kali):~$ rm peers
rm: cannot remove 'peers': Is a directory
(aiden@kali):~$ rm -r peers
(aiden@kali):~$
```

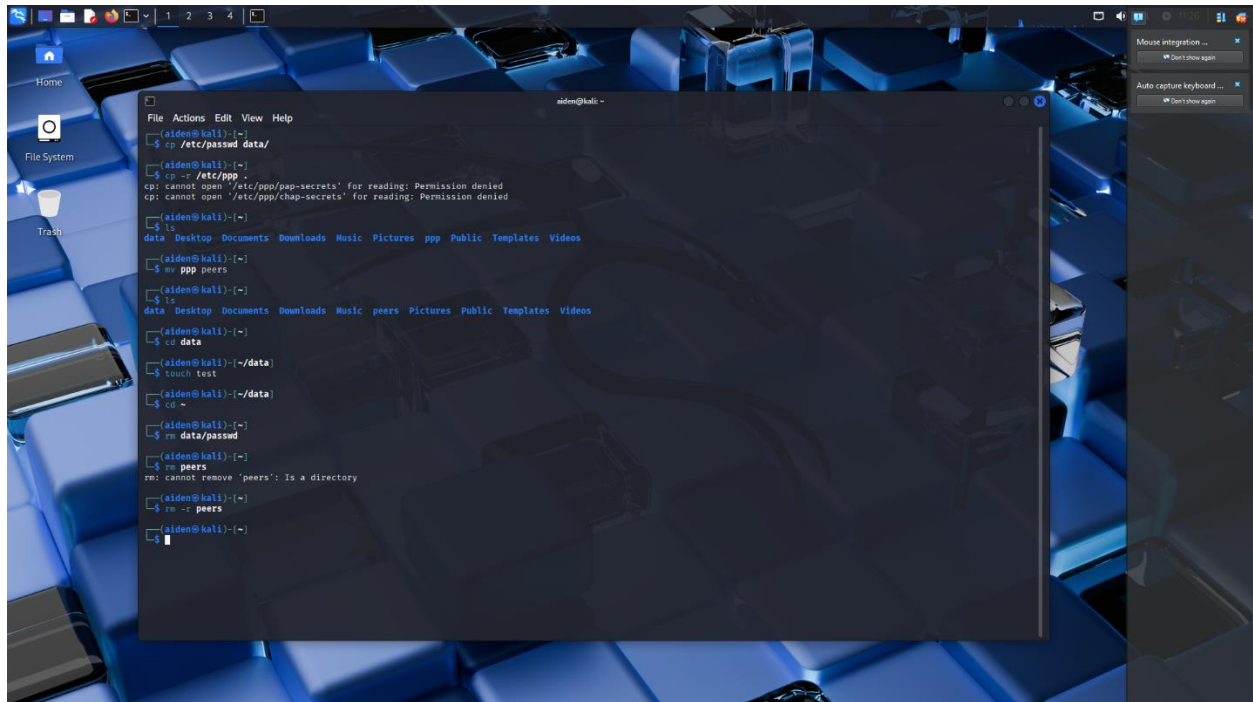
Step 19



The screenshot shows a Kali Linux desktop environment with a blue keyboard background. A terminal window is open, displaying the following commands and outputs:

```
aiden@kali: ~  
└─$ cp /etc/passwd data/  
aiden@kali: ~  
└─$ 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  
aiden@kali: ~  
└─$ ls  
data Desktop Documents Downloads Music Pictures ppp Public Templates Videos  
aiden@kali: ~  
└─$ mv ppp peers  
aiden@kali: ~  
└─$ ls  
data Desktop Documents Downloads Music peers Pictures Public Templates Videos  
aiden@kali: ~  
└─$ cd data  
aiden@kali: ~/data  
└─$ touch test  
aiden@kali: ~/data  
└─$ cd -  
aiden@kali: ~  
└─$ mv data/passwd  
aiden@kali: ~  
└─$ mv peers  
mv: cannot remove 'peers': Is a directory  
aiden@kali: ~  
└─$ mv -f peers  
aiden@kali: ~  
└─$
```

Step 20



```
aiden@kali: ~  
└─$ cp /etc/passwd data/  
aiden@kali: ~  
└─$ cp -r /etc/ppp :  
cp: cannot open '/etc/ppp/ppp-secrets' for reading: Permission denied  
cp: cannot open '/etc/ppp/chap-secrets' for reading: Permission denied  
aiden@kali: ~  
└─$ ls  
data Desktop Documents Downloads Music Pictures ppp Public Templates Videos  
aiden@kali: ~  
└─$ mv ppp peers  
aiden@kali: ~  
└─$ ls  
data Desktop Documents Downloads Music peers Pictures Public Templates Videos  
aiden@kali: ~  
└─$ cd data  
aiden@kali: ~/data  
└─$ touch test  
aiden@kali: ~/data  
└─$ cd -  
aiden@kali: ~  
└─$ rm data/passwd  
aiden@kali: ~  
└─$ rm peers  
rm: cannot remove 'peers': Is a directory  
aiden@kali: ~  
└─$ rm -r peers  
aiden@kali: ~  
└─$
```