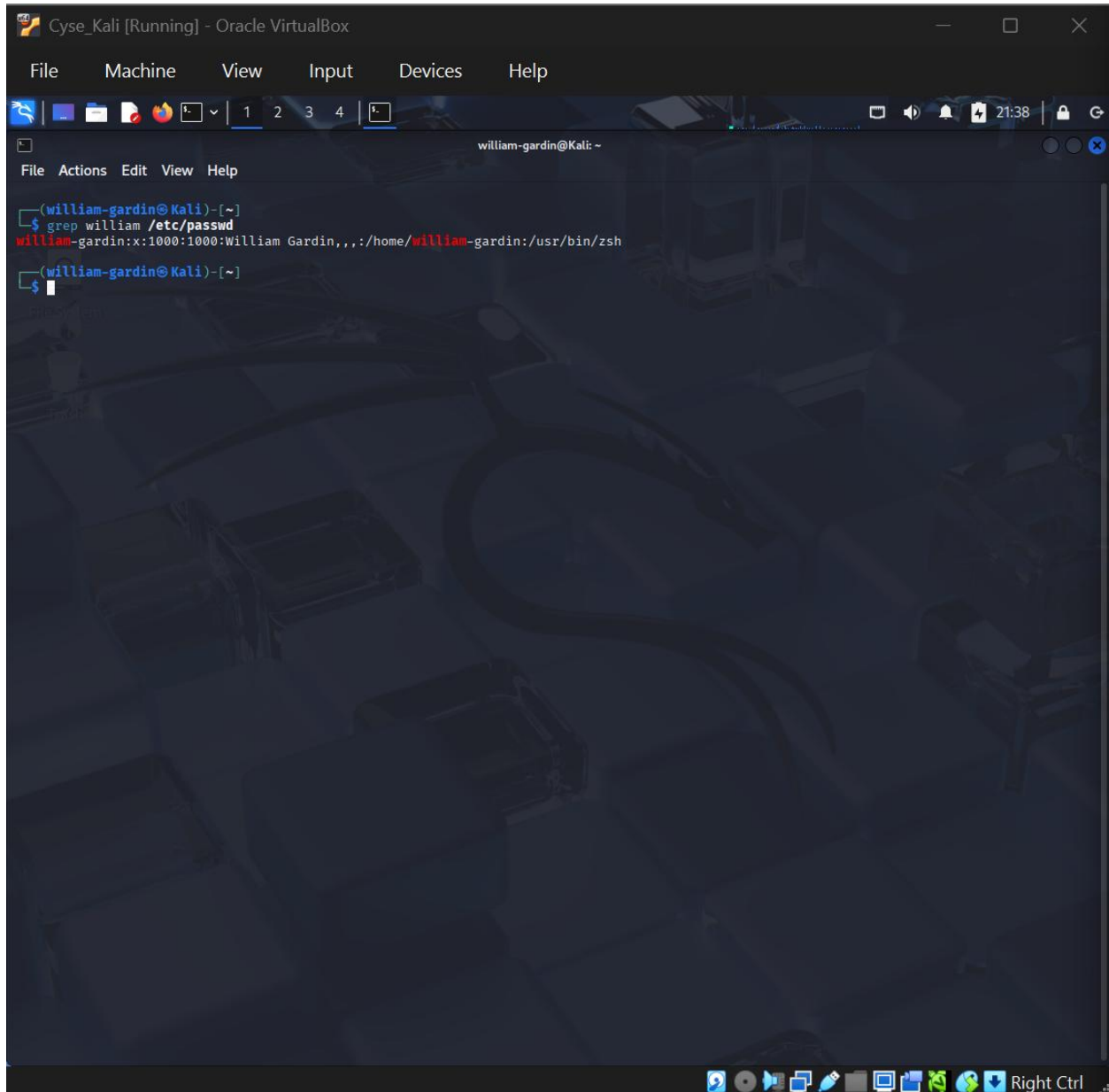


Task A

1.

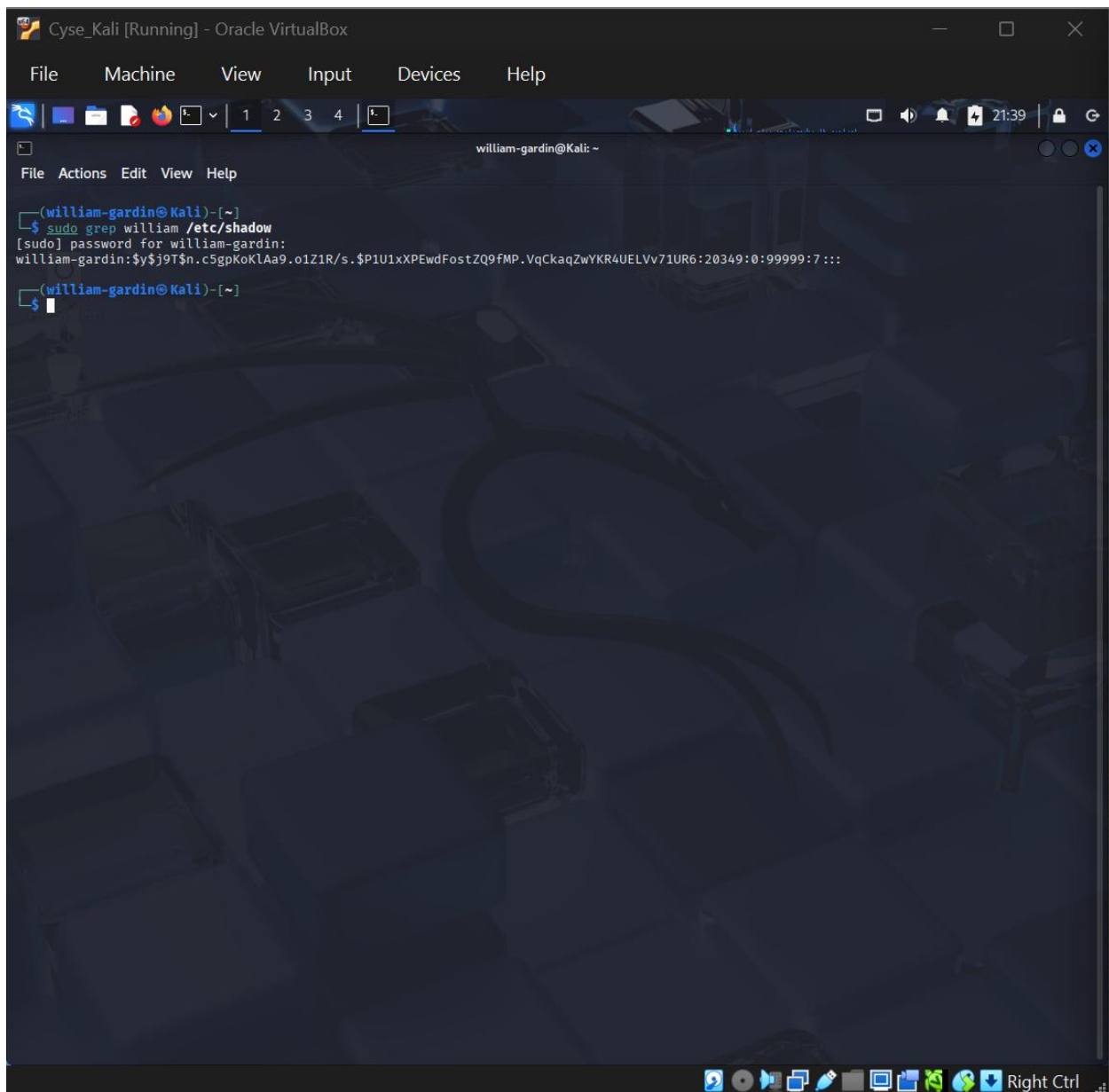


The screenshot shows a Kali Linux virtual machine running in Oracle VM VirtualBox. The window title is "Cyse_Kali [Running] - Oracle VirtualBox". The menu bar includes File, Machine, View, Input, Devices, and Help. The toolbar shows various icons for file operations and system settings. The terminal window, titled "william-gardin@Kali: ~", displays the following commands and output:

```
(william-gardin@Kali)-[~]  
$ grep william /etc/passwd  
william-gardin:x:1000:1000:William Gardin,,,:/home/william-gardin:/usr/bin/zsh  
  
(william-gardin@Kali)-[~]  
$
```

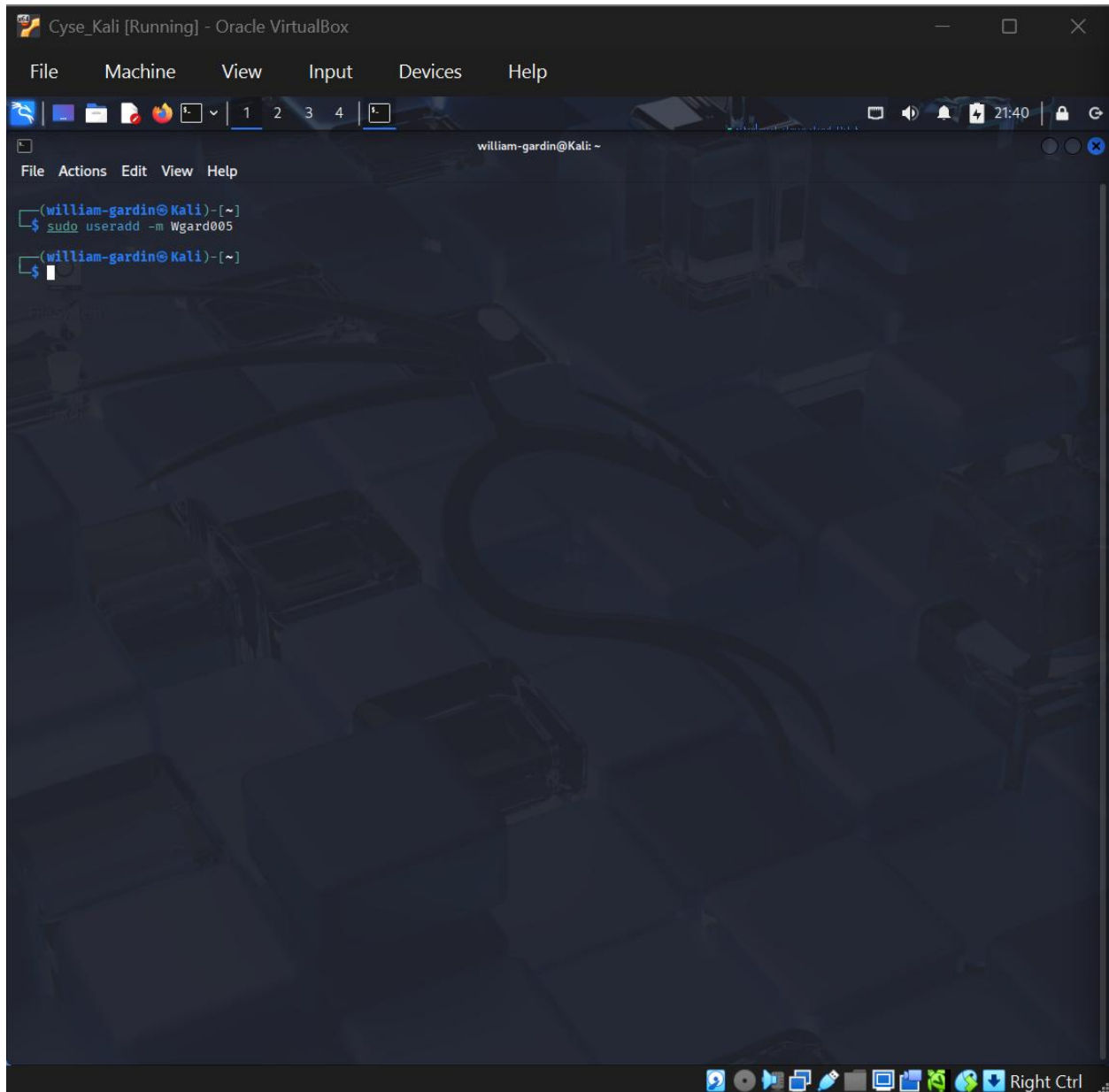
The background of the Kali Linux desktop is a dark blue isometric pattern of computer hardware. The taskbar at the bottom includes icons for the Dash, Home, and various applications, along with a "Right Ctrl" button.

2.

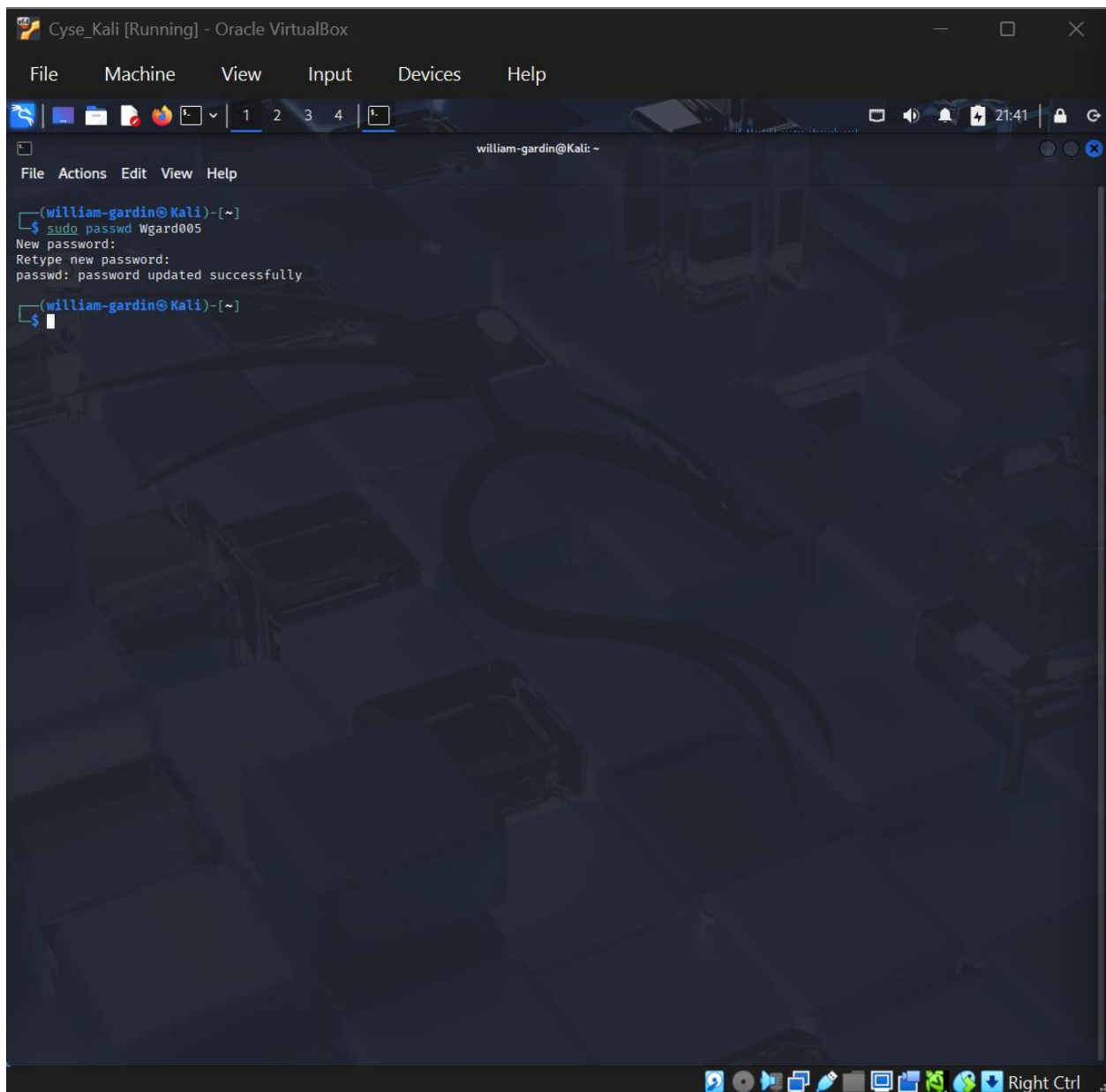


```
Cyse_Kali [Running] - Oracle VirtualBox
File Machine View Input Devices Help
1 2 3 4
william-gardin@Kali: ~
File Actions Edit View Help
(william-gardin@Kali)-[~]
$ sudo grep william /etc/shadow
[sudo] password for william-gardin:
william-gardin:$y$j9T$n.c5gpKoKLAa9.o1Z1R/s.$P1U1xXPEwFostZQ9fMP.VqCkaqZwYKR4UELvv71UR6:20349:0:99999:7:::
(william-gardin@Kali)-[~]
$
```

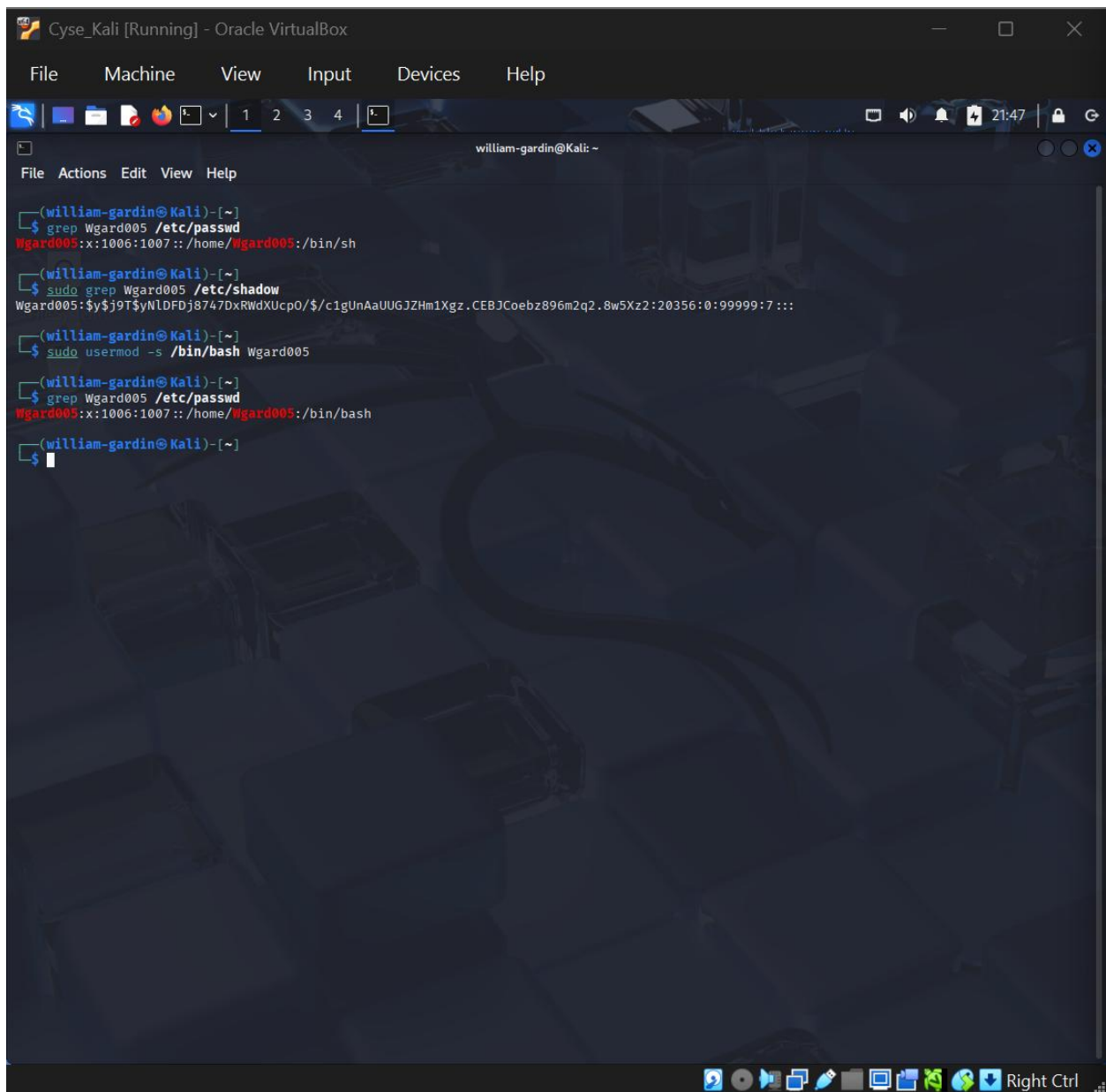
3.



4.



5.



```
Cyse_Kali [Running] - Oracle VirtualBox
File Machine View Input Devices Help

william-gardin@Kali: ~
File Actions Edit View Help

(william-gardin@Kali)-[~]
$ grep Wgard005 /etc/passwd
Wgard005:x:1006:1007::/home/Wgard005:/bin/sh

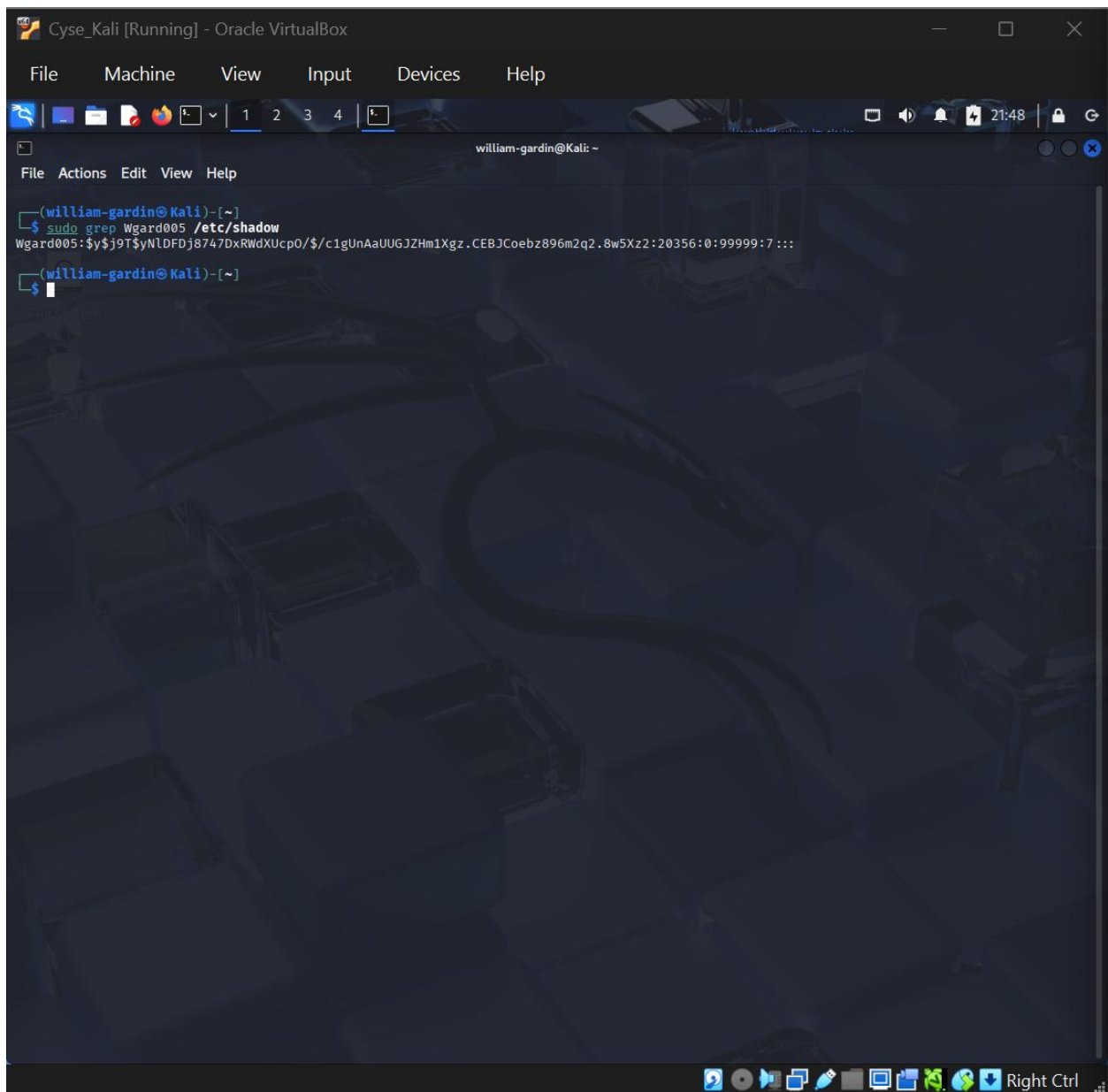
(william-gardin@Kali)-[~]
$ sudo grep Wgard005 /etc/shadow
Wgard005:$y$j9T$yNLDfDj8747DxRWdXUcpO/$/c1gUnAaUUGJZHm1Xgz.CEBJCoebz896m2q2.8w5Xz2:20356:0:99999:7:::

(william-gardin@Kali)-[~]
$ sudo usermod -s /bin/bash Wgard005

(william-gardin@Kali)-[~]
$ grep Wgard005 /etc/passwd
Wgard005:x:1006:1007::/home/Wgard005:/bin/bash

(william-gardin@Kali)-[~]
$
```

6.



Cyse_Kali [Running] - Oracle VirtualBox

File Machine View Input Devices Help

1 2 3 4

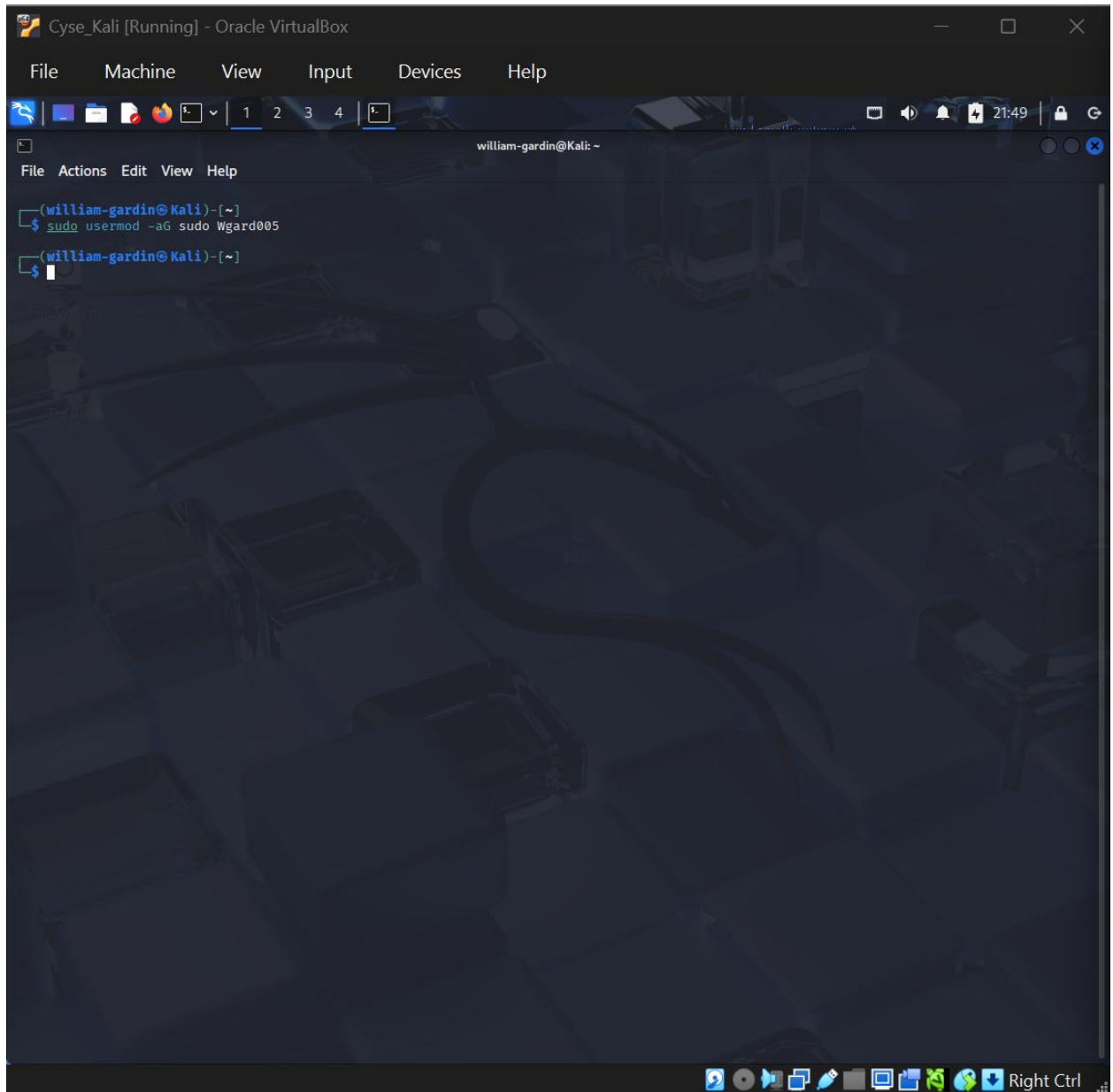
william-gardin@Kali: ~

File Actions Edit View Help

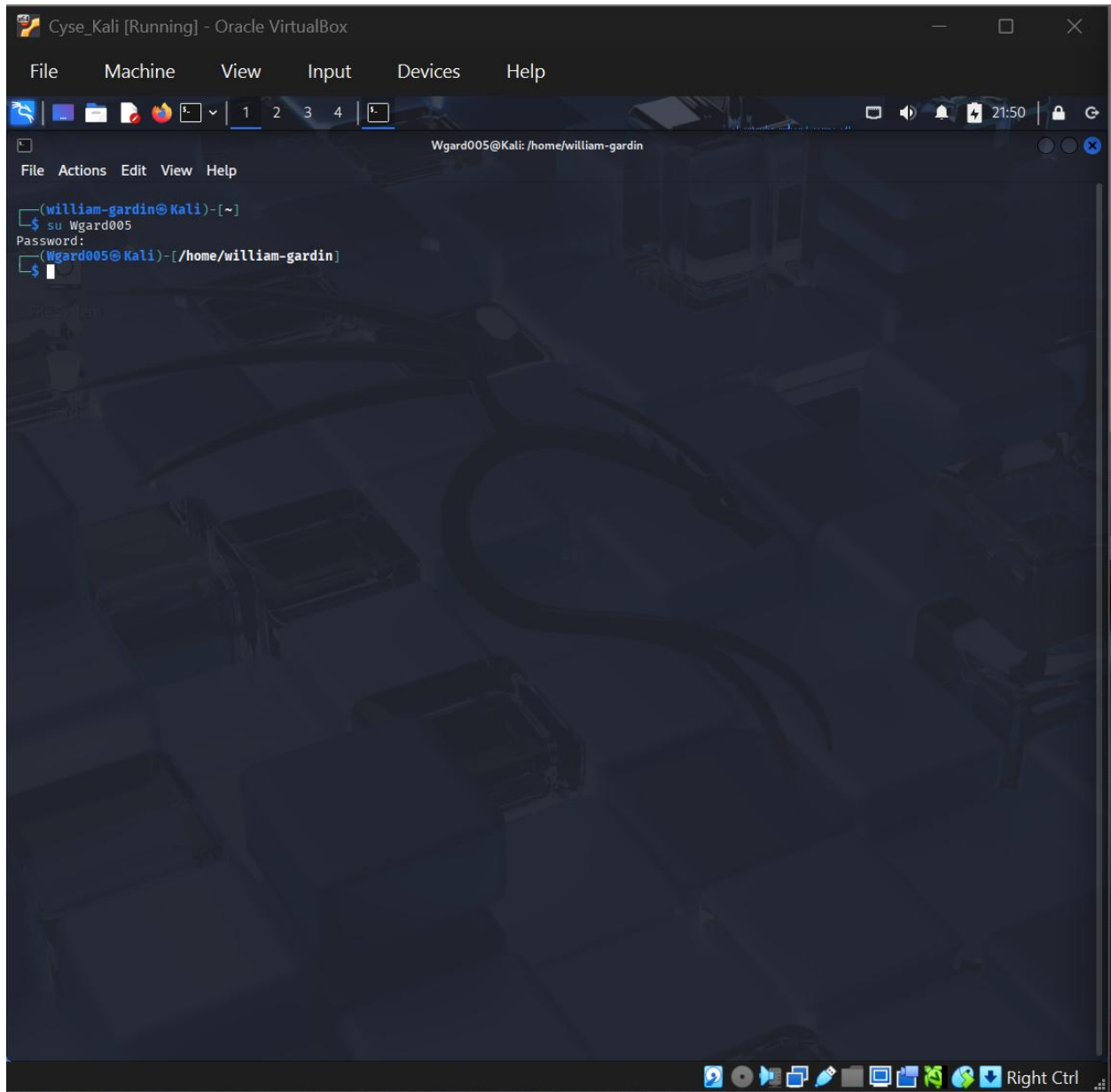
```
(william-gardin@Kali)-[~]  
$ sudo grep Wgard005 /etc/shadow  
Wgard005:$y$j9T$yNlDFDj8747DxRWdXUcp0$/c1gUnAaUUGJZHm1Xgz.CEBJCoebz896m2q2.8w5Xz2:20356:0:99999:7:::  
(william-gardin@Kali)-[~]  
$
```

Right Ctrl

7.



8.



Task B

1.

Cyse_Kali [Running] - Oracle VirtualBox

File Machine View Input Devices Help

1 2 3 4

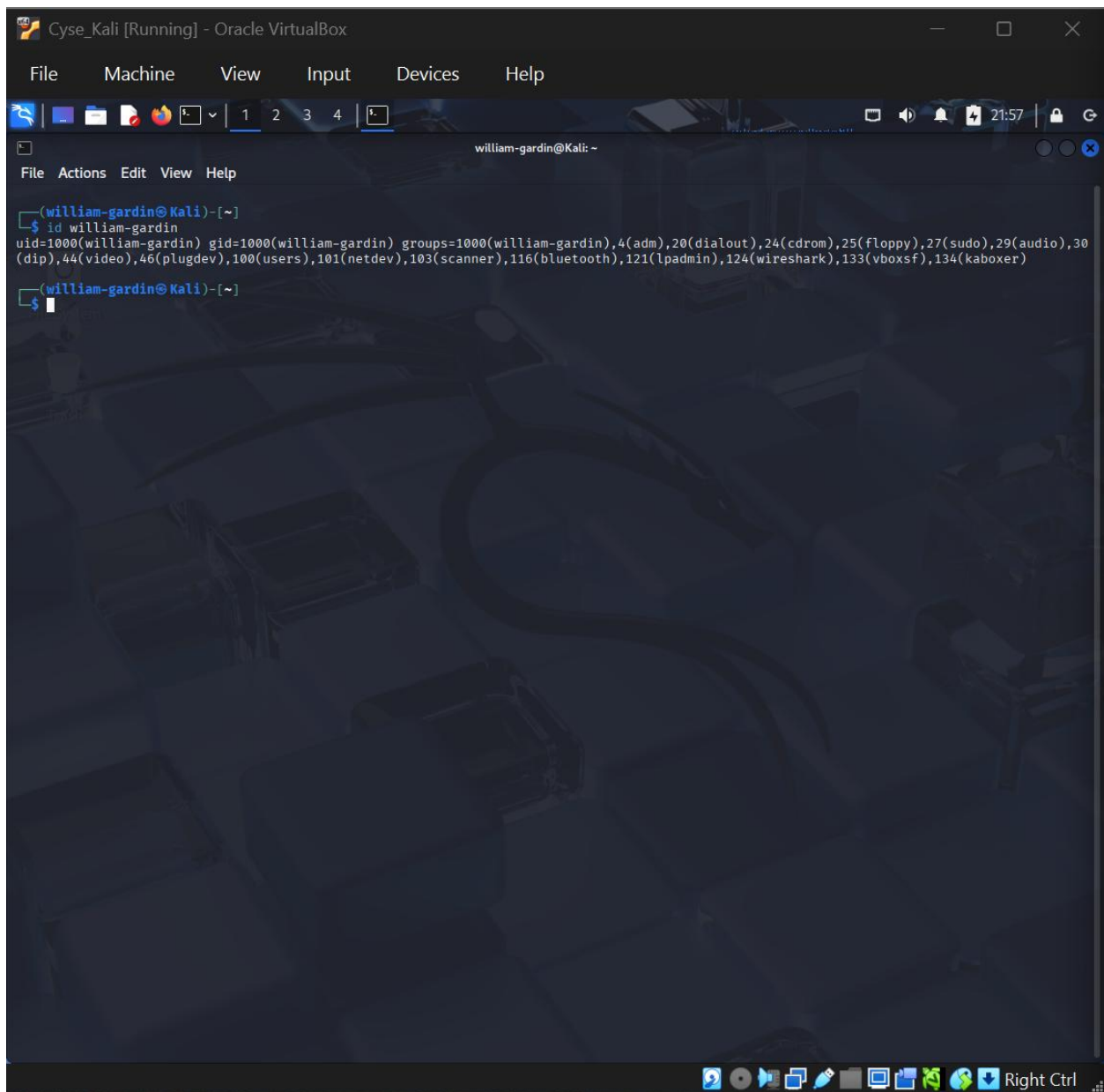
william-gardin@Kali: ~

File Actions Edit View Help

```
(william-gardin@Kali)-[~]  
$ grep william /etc/passwd  
william-gardin:x:1000:1000:William Gardin,,,:/home/william-gardin:/usr/bin/zsh  
  
(william-gardin@Kali)-[~]  
$ echo $SHELL  
/usr/bin/zsh  
  
(william-gardin@Kali)-[~]  
$
```

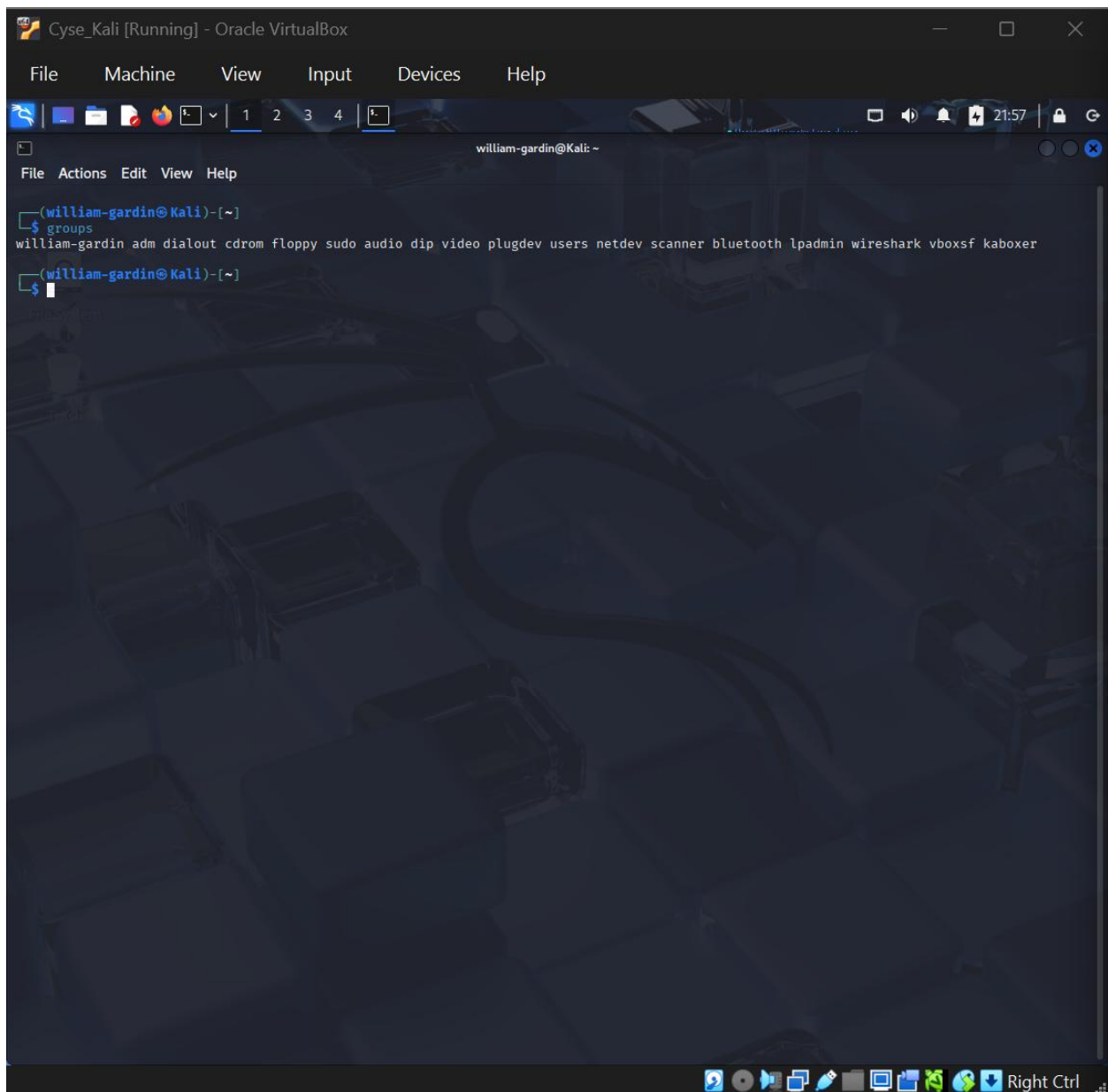
Right Ctrl

2.

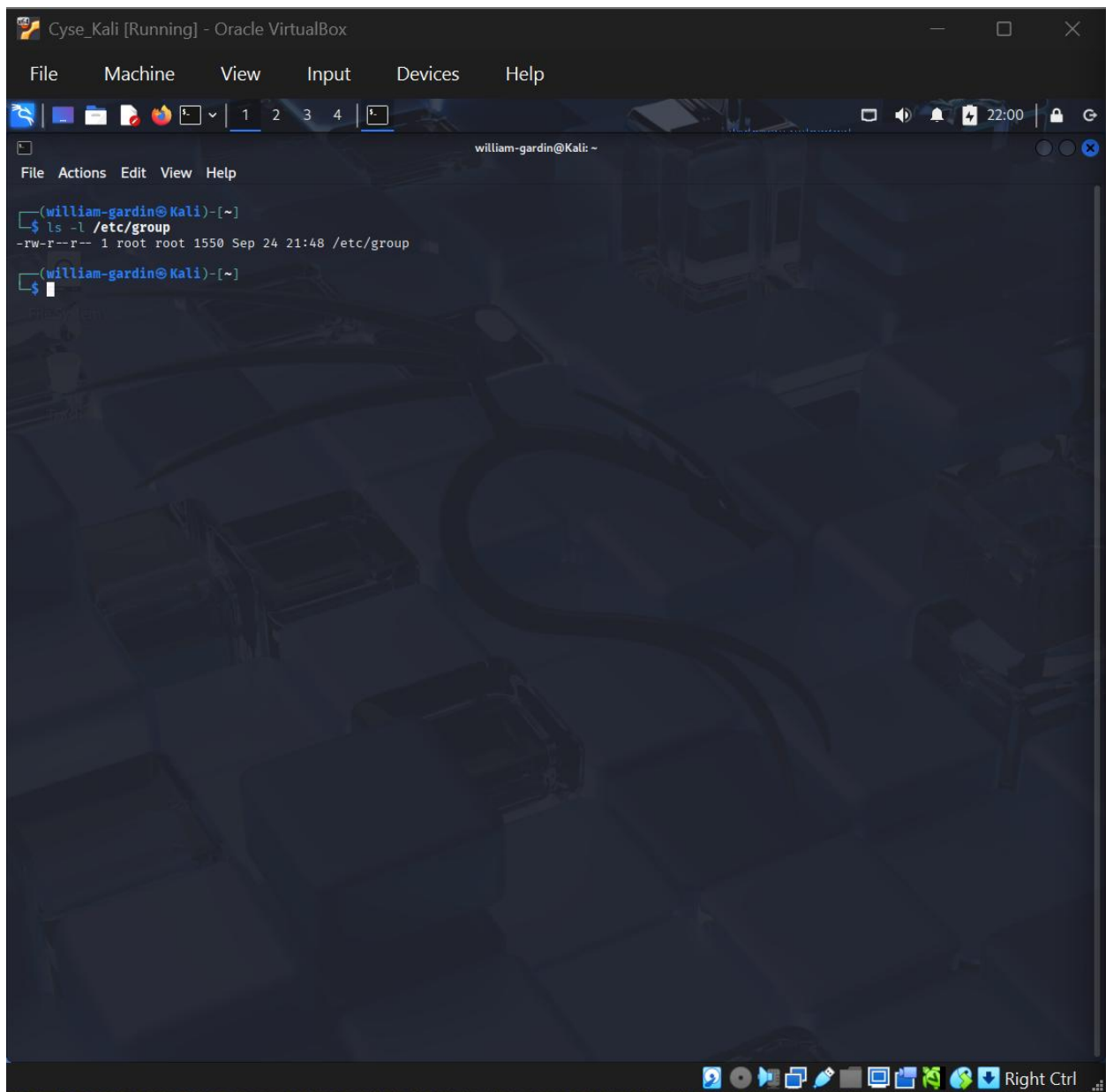


```
Cyse_Kali [Running] - Oracle VirtualBox
File Machine View Input Devices Help
1 2 3 4 5
william-gardin@Kali: ~
File Actions Edit View Help
(william-gardin@Kali)-[~]
$ id william-gardin
uid=1000(william-gardin) gid=1000(william-gardin) groups=1000(william-gardin),4(adm),20(dialout),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),100(users),101(netdev),103(scanner),116(bluetooth),121(lpadmin),124(wireshark),133(vboxsf),134(kaboxer)
(william-gardin@Kali)-[~]
$
```

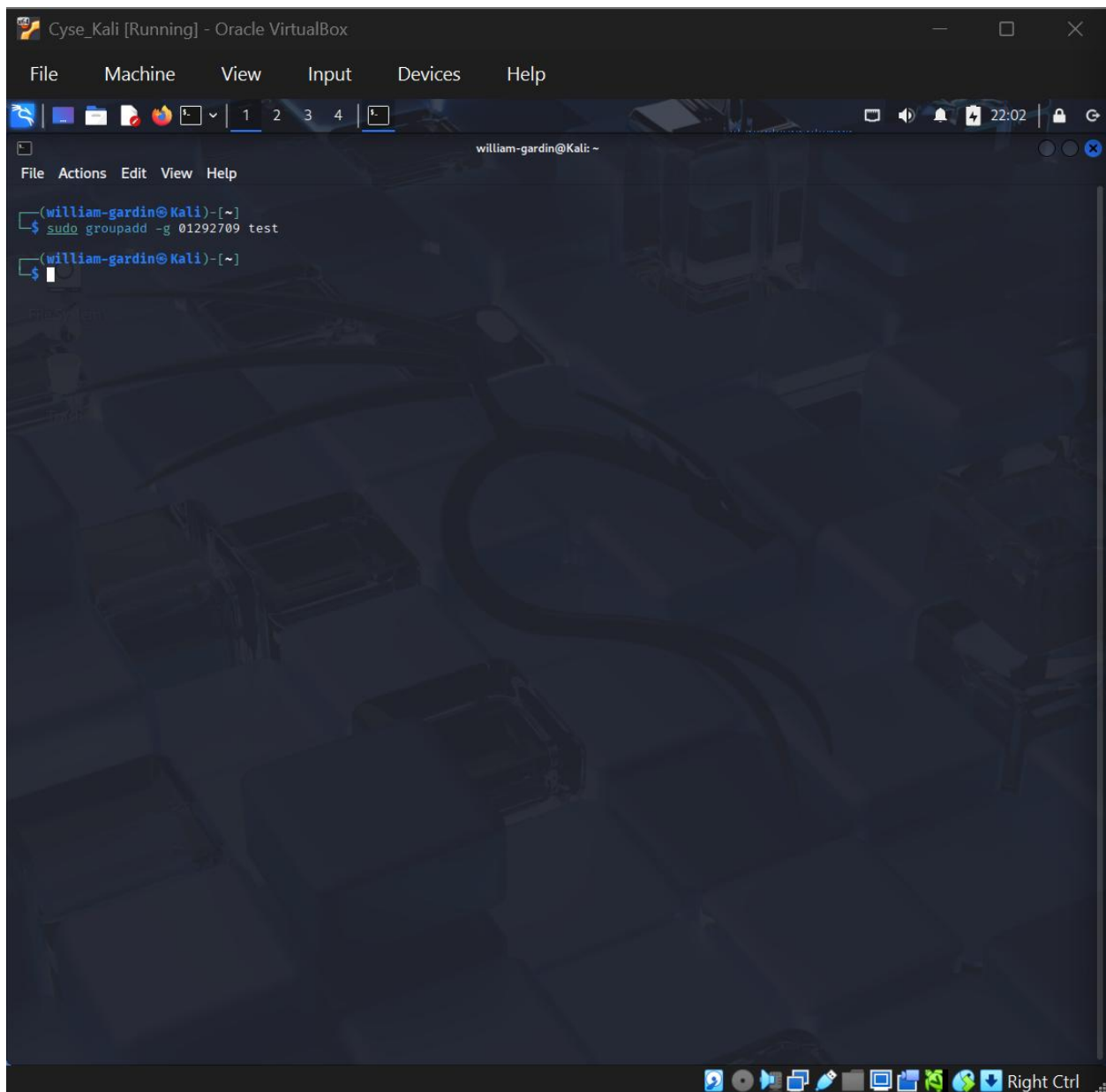
3.



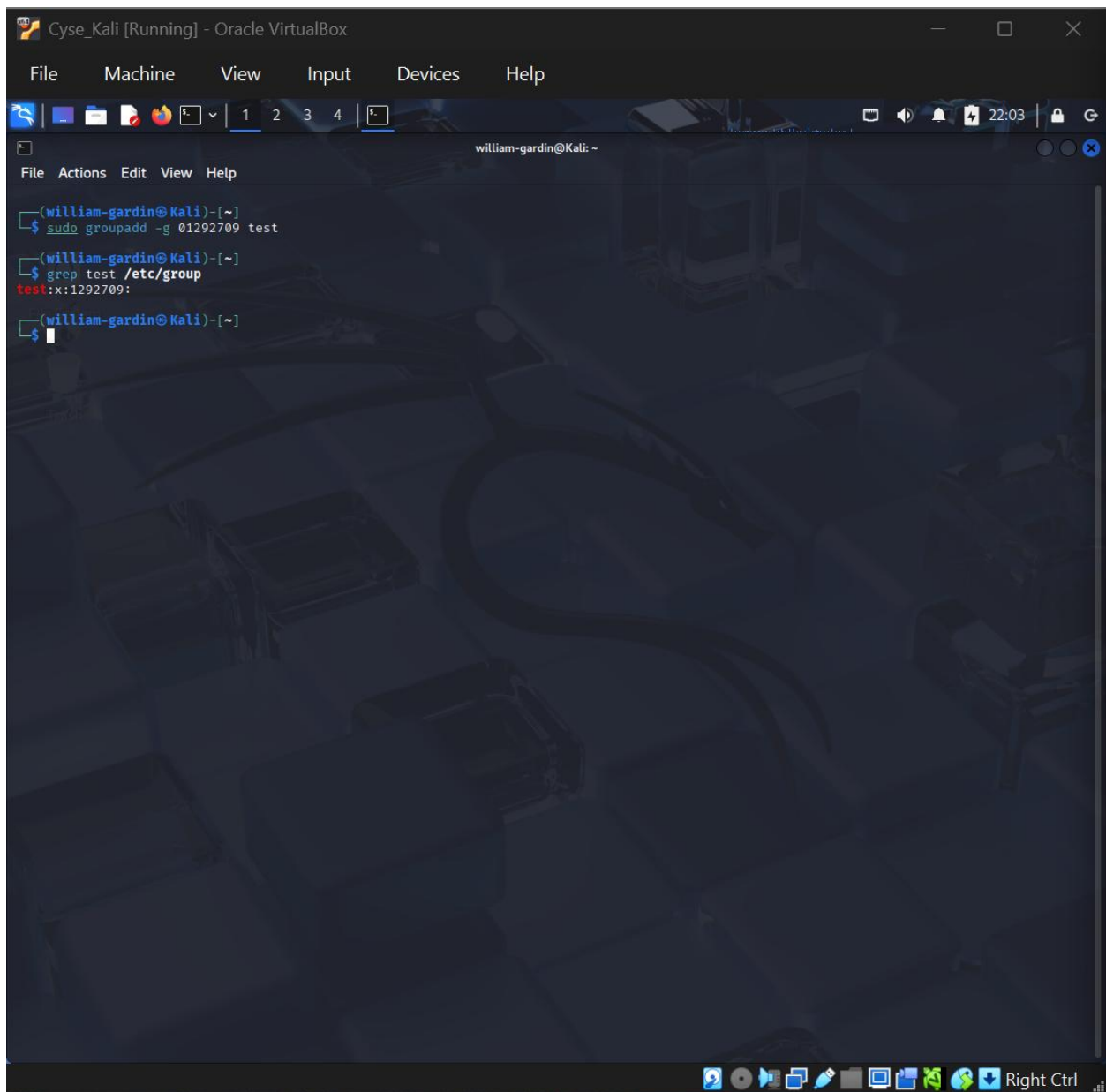
4.



5.

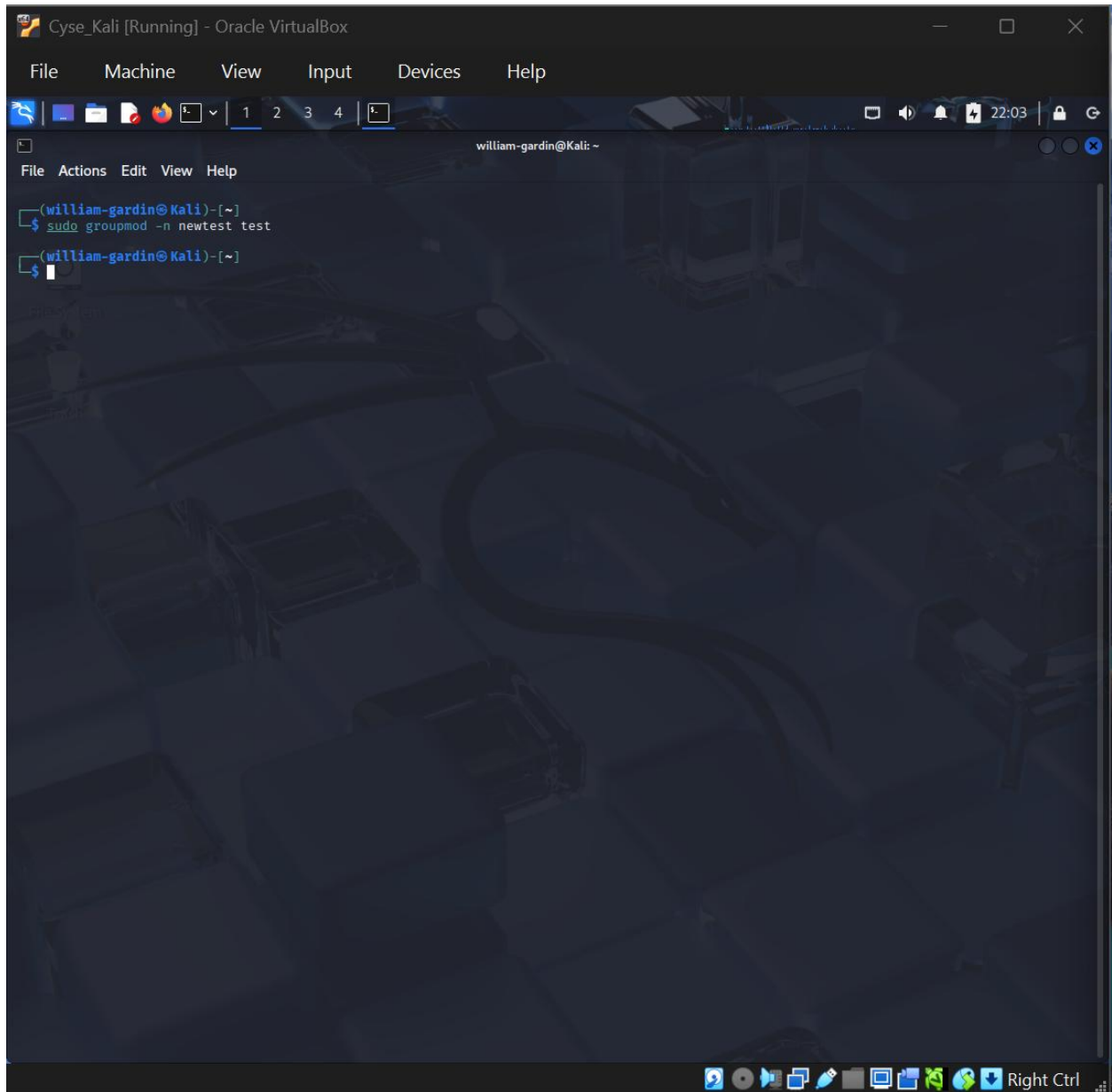


6.

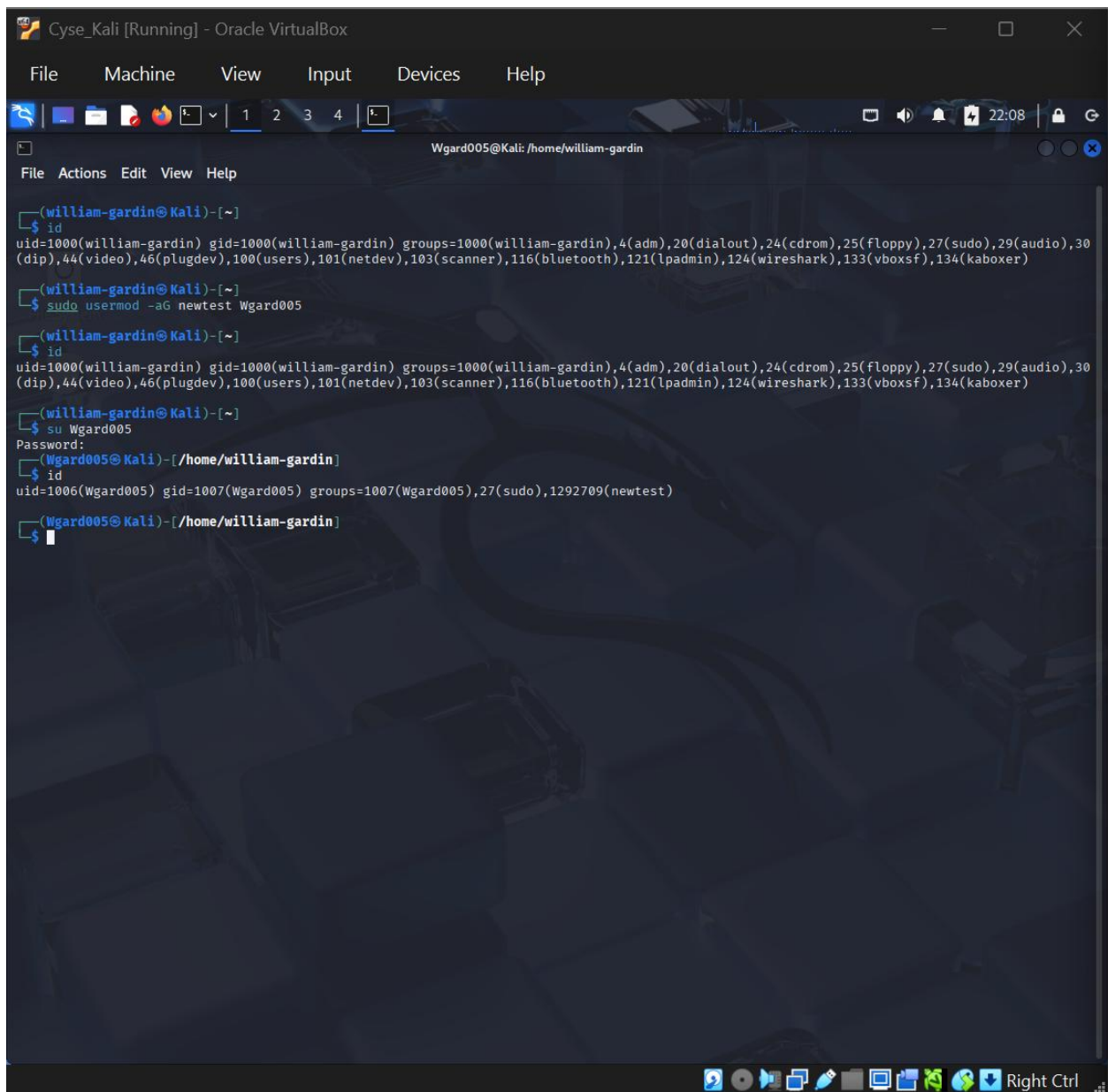


```
Cyse_Kali [Running] - Oracle VirtualBox
File Machine View Input Devices Help
1 2 3 4
william-gardin@Kali: ~
File Actions Edit View Help
(william-gardin@Kali)-[~]
$ sudo groupadd -g 01292709 test
(william-gardin@Kali)-[~]
$ grep test /etc/group
test:x:1292709:
(william-gardin@Kali)-[~]
$
```

7.



8.



```
Cyse_Kali [Running] - Oracle VirtualBox
File Machine View Input Devices Help

Wgard005@Kali: /home/william-gardin

(william-gardin@Kali)-[~]
$ id
uid=1000(william-gardin) gid=1000(william-gardin) groups=1000(william-gardin),4(adm),20(dialout),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),100(users),101(netdev),103(scanner),116(bluetooth),121(lpadmin),124(wireshark),133(vboxsf),134(kaboxer)

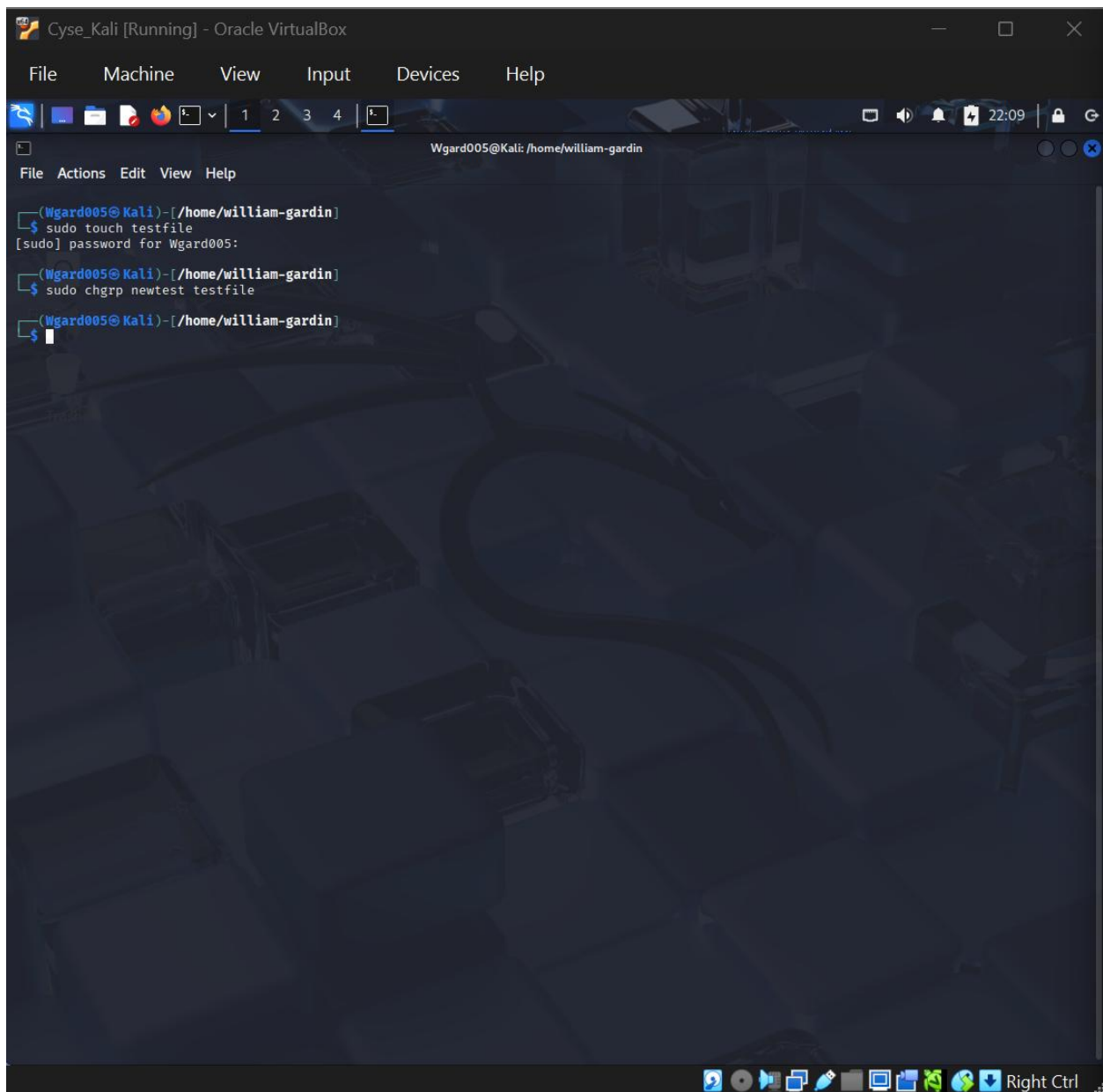
(william-gardin@Kali)-[~]
$ sudo usermod -sG newtest Wgard005

(william-gardin@Kali)-[~]
$ id
uid=1000(william-gardin) gid=1000(william-gardin) groups=1000(william-gardin),4(adm),20(dialout),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),100(users),101(netdev),103(scanner),116(bluetooth),121(lpadmin),124(wireshark),133(vboxsf),134(kaboxer)

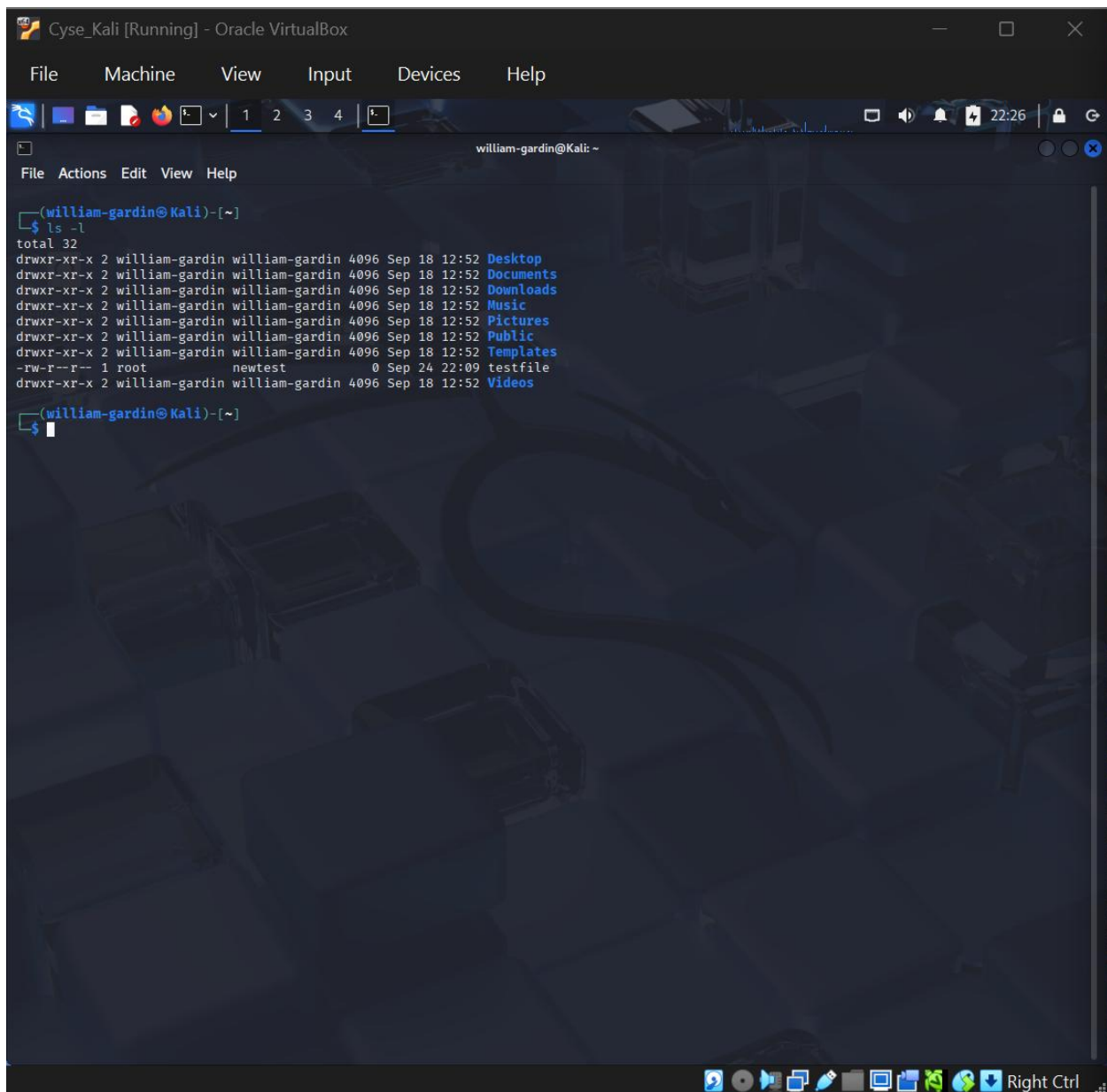
(william-gardin@Kali)-[~]
$ su Wgard005
Password:
(wgard005@Kali)-[/home/william-gardin]
$ id
uid=1006(Wgard005) gid=1007(Wgard005) groups=1007(Wgard005),27(sudo),1292709(newtest)

(wgard005@Kali)-[/home/william-gardin]
$
```

9.



10.



Cyse_Kali [Running] - Oracle VirtualBox

File Machine View Input Devices Help

1 2 3 4

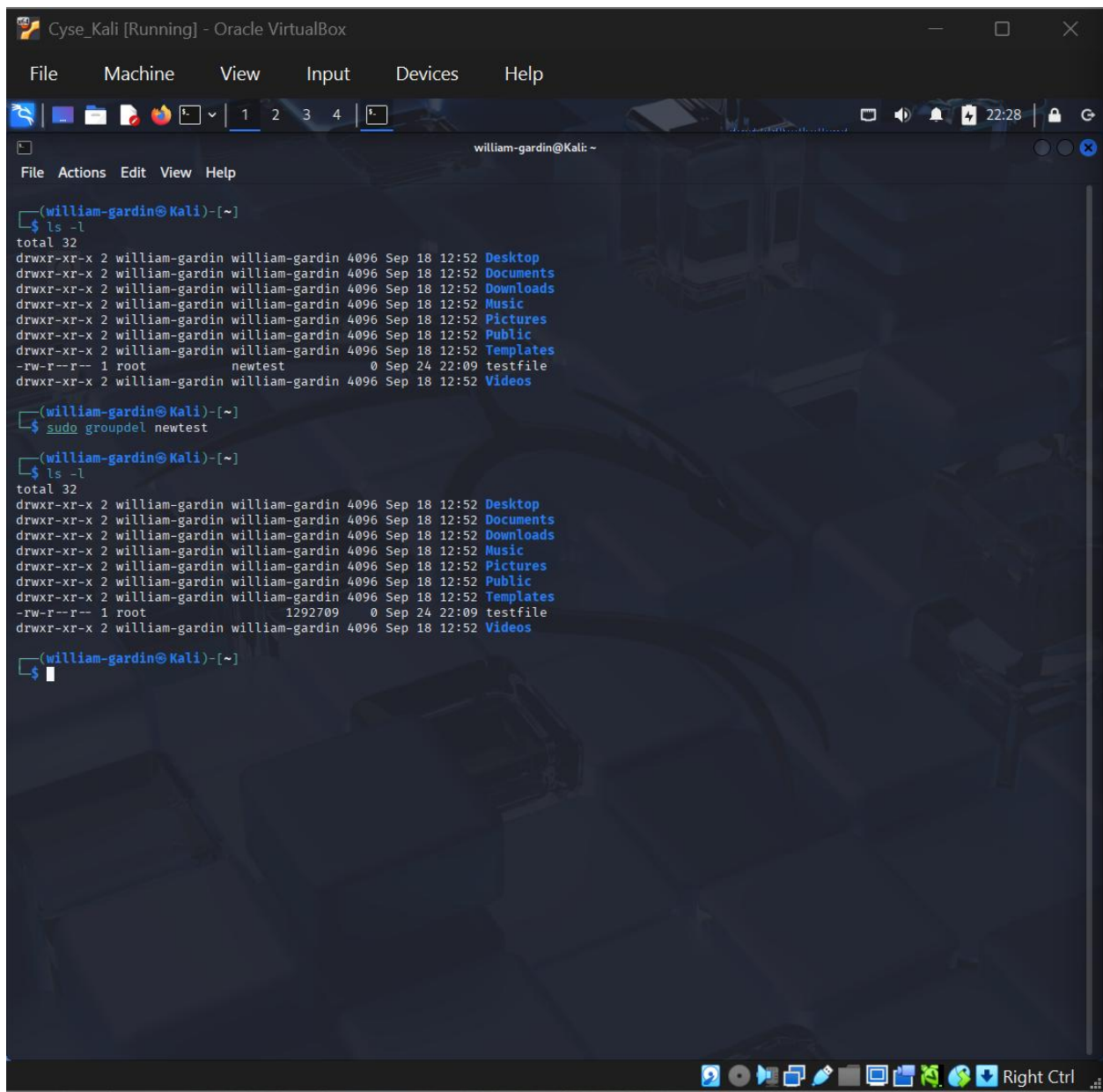
william-gardin@Kali: ~

File Actions Edit View Help

```
(william-gardin@Kali)-[~]  
$ ls -l  
total 32  
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Desktop  
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Documents  
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Downloads  
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Music  
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Pictures  
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Public  
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Templates  
-rw-r--r-- 1 root          newtest      0 Sep 24 22:09 testfile  
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Videos  
  
(william-gardin@Kali)-[~]  
$
```

Right Ctrl

11. The file is part of 01292709 now.



```
(william-gardin@Kali)-[~]
$ ls -l
total 32
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Desktop
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Documents
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Downloads
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Music
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Pictures
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Public
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Templates
-rw-r--r-- 1 root          newtest          0 Sep 24 22:09 testfile
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Videos

(william-gardin@Kali)-[~]
$ sudo groupdel newtest

(william-gardin@Kali)-[~]
$ ls -l
total 32
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Desktop
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Documents
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Downloads
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Music
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Pictures
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Public
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Templates
-rw-r--r-- 1 root          1292709      0 Sep 24 22:09 testfile
drwxr-xr-x 2 william-gardin william-gardin 4096 Sep 18 12:52 Videos

(william-gardin@Kali)-[~]
$
```

12.

