

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)-[~]
$ sudo adduser user_1
warn: The home directory `/home/user_1' already exists. Not touching this directory.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for user_1
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] Y

(william-gardin@Kali)-[~]
$ sudo adduser user_2
warn: The home directory `/home/user_2' already exists. Not touching this directory.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for user_2
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] Y

(william-gardin@Kali)-[~]
$ sudo adduser user_3
warn: The home directory `/home/user_3' already exists. Not touching this directory.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for user_3
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] Y

(william-gardin@Kali)-[~]
$ sudo adduser user_4
warn: The home directory `/home/user_4' already exists. Not touching this directory.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for user_4
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
```

Also 1.

```
Cyse_Kali [Running] - Oracle VirtualBox
File Machine View Input Devices Help
1 2 3 4 5
22:26

william-gardin@Kali: ~
File Actions Edit View Help
Home Phone []:
Other []:
Is the information correct? [Y/n] Y

(william-gardin@Kali)-[~]
$ sudo adduser user_4
warn: The home directory `/home/user_4' already exists. Not touching this directory.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for user_4
Enter the new value, or press ENTER for the default
Full Name []:
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [Y/n] Y

(william-gardin@Kali)-[~]
$ sudo adduser user_5
warn: The home directory `/home/user_5' already exists. Not touching this directory.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for user_5
Enter the new value, or press ENTER for the default
Full Name []:
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [Y/n] Y

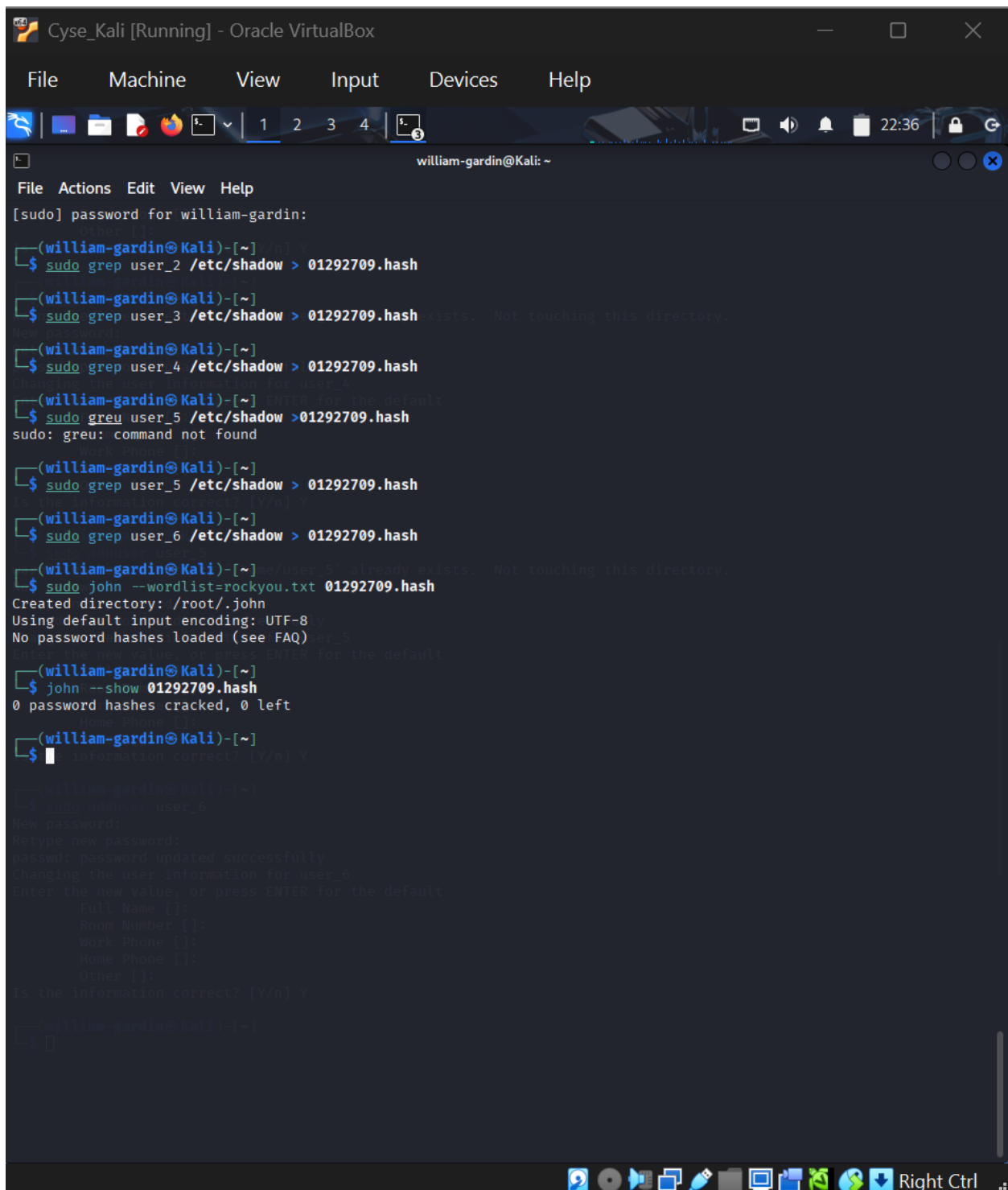
(william-gardin@Kali)-[~]
$ sudo adduser user_6
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for user_6
Enter the new value, or press ENTER for the default
Full Name []:
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [Y/n] Y

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

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
[sudo] password for william-gardin:
(william-gardin@Kali)-[~]
$ sudo grep user_2 /etc/shadow > 01292709.hash
(william-gardin@Kali)-[~]
$ sudo grep user_3 /etc/shadow > 01292709.hash exists. Not touching this directory.
(william-gardin@Kali)-[~]
$ sudo grep user_4 /etc/shadow > 01292709.hash
(william-gardin@Kali)-[~]
$ sudo greu user_5 /etc/shadow >01292709.hash
sudo: greu: command not found
(william-gardin@Kali)-[~]
$ sudo grep user_5 /etc/shadow > 01292709.hash
(william-gardin@Kali)-[~]
$ sudo grep user_6 /etc/shadow > 01292709.hash
(william-gardin@Kali)-[~]
$ sudo useradd -s /bin/bash user_5
adduser: warning: group user_5 already exists. Not touching this directory.
$ sudo passwd user_5
passwd:
new password:
retype new password:
passwd: password updated successfully
changing the user information for user_5
enter the new value, or press ENTER for the default
Full Name []:
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [y/n] Y
--william-gardin@Kali: (~)
$ sudo useradd -s /bin/bash user_6
adduser: warning: group user_6 already exists. Not touching this directory.
$ sudo passwd user_6
passwd:
new password:
retype new password:
passwd: password updated successfully
changing the user information for user_6
enter the new value, or press ENTER for the default
Full Name []:
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [y/n] Y
--william-gardin@Kali: (~)
$
```

3.



The screenshot shows a Kali Linux terminal window titled "Cyse_Kali [Running] - Oracle VirtualBox". The terminal is running a series of commands to crack a password hash. The user is "william-gardin" and the host is "Kali".

```
File Actions Edit View Help
[sudo] password for william-gardin:

(william-gardin@Kali)-[~]
$ sudo grep user_2 /etc/shadow > 01292709.hash

(william-gardin@Kali)-[~]
$ sudo grep user_3 /etc/shadow > 01292709.hash

(william-gardin@Kali)-[~]
$ sudo grep user_4 /etc/shadow > 01292709.hash

(william-gardin@Kali)-[~]
$ sudo grep user_5 /etc/shadow > 01292709.hash
sudo: grep: command not found

(william-gardin@Kali)-[~]
$ sudo grep user_5 /etc/shadow > 01292709.hash

(william-gardin@Kali)-[~]
$ sudo grep user_6 /etc/shadow > 01292709.hash

(william-gardin@Kali)-[~]
$ sudo john --wordlist-rockyou.txt 01292709.hash
Created directory: /root/.john
Using default input encoding: UTF-8
No password hashes loaded (see FAQ) at 3
Enter the new password, or press ENTER for the default

(william-gardin@Kali)-[~]
$ john --show 01292709.hash
0 password hashes cracked, 0 left

(william-gardin@Kali)-[~]
$
Information correct? [y/n] Y

--william-gardin@Kali:~--
$ sudo usermod -s /bin/bash user_6
New password:
Retype new password:
passwd: password updated successfully
changing the user information for user_6
Enter the new value, or press ENTER for the default
Full Name []:
Room Number []:
Work Phone []:
Home Phone []:
Other []:
Is the information correct? [y/n] Y

--william-gardin@Kali:~--
$
```

The terminal window has a menu bar with "File", "Machine", "View", "Input", "Devices", and "Help". The top bar shows the time as 22:36. The bottom bar shows various system icons and a "Right Ctrl" button.