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Part 1: Commands and Navigation

Before beginning the installation of Debian on VirtualBox, here are the essential commands and shortcuts to navigate through the installer:

- **Arrow keys:** Move the cursor through menus or options.
- **Tab:** Switch between fields.
- **Space:** Select or deselect an option.
- **Enter:** Confirm selection.
- **Ctrl + Right Arrow:** Release the keyboard and mouse captured by VirtualBox.

Shortcuts for Debian:

- **Ctrl + Alt + T:** Opens a terminal.
 - **Alt + F2:** "Run" window.
 - **Ctrl + C:** Cancel the current command in the terminal.
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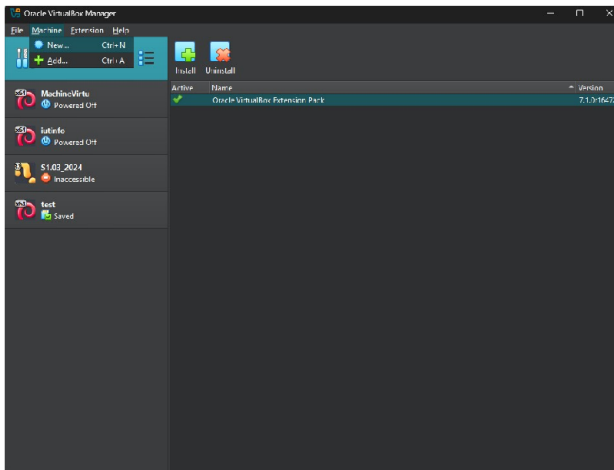
Part 2: Installing Debian on VirtualBox

1. Starting VirtualBox

Launch VirtualBox.

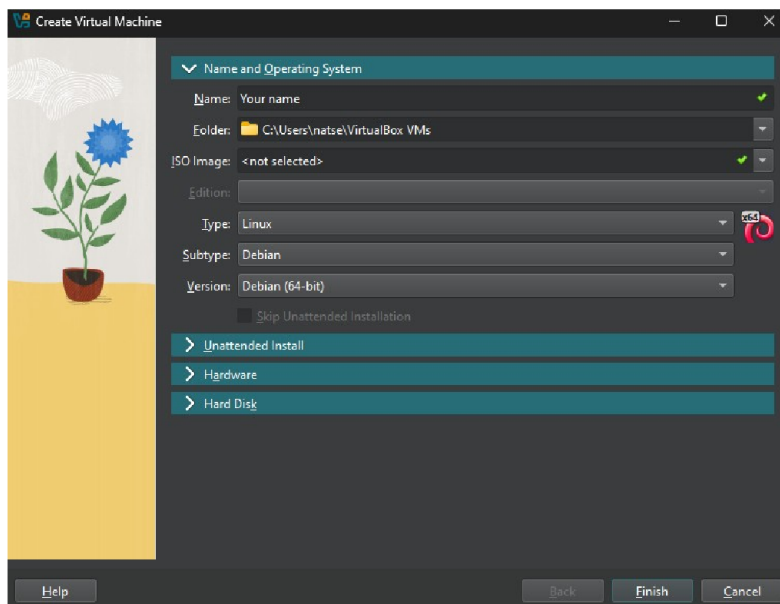
2. Creating a Virtual Machine

We will create a virtual machine. To do this, choose **New**.

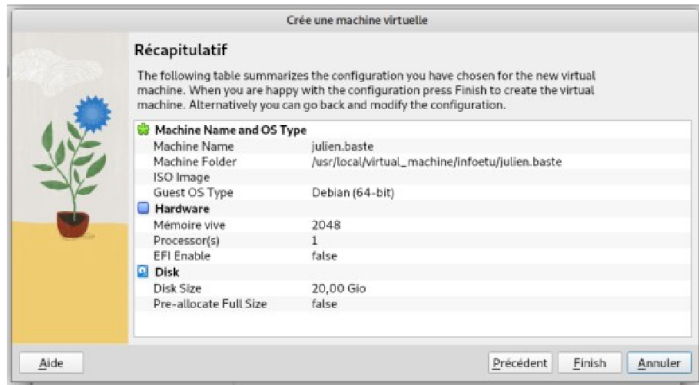
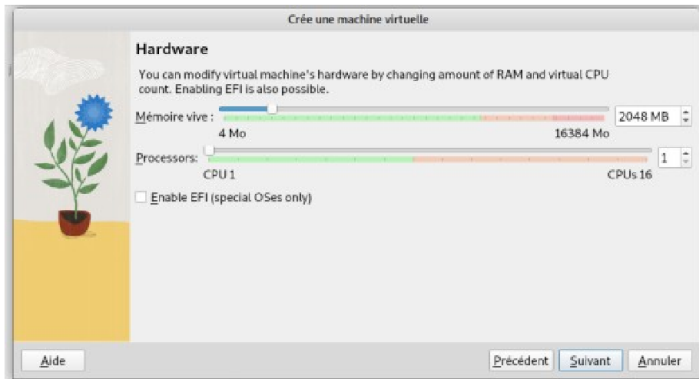
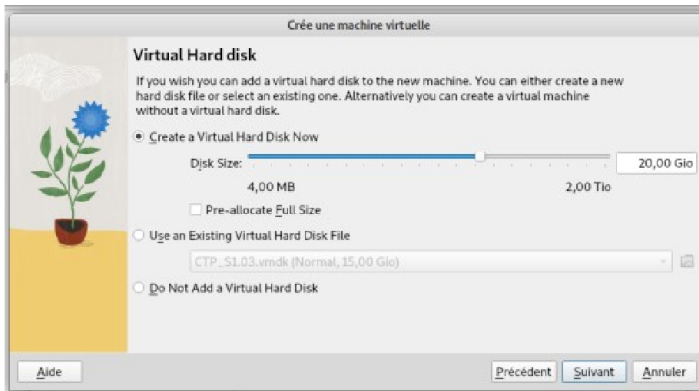


- **Name and Operating System:**

Choose your name and file location. Select the type and version as shown in the image.



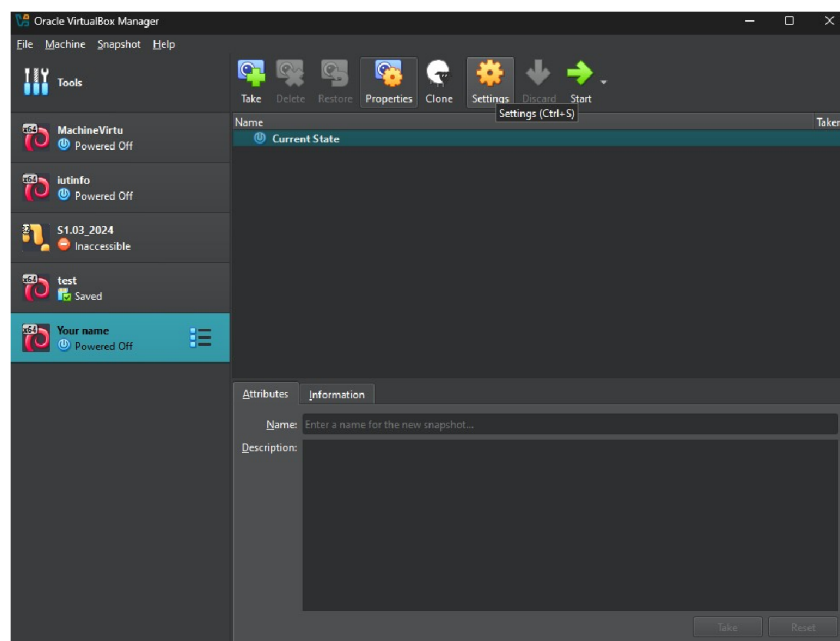
Choose the same settings as shown in the screenshots for hardware and hard drive, then click on Finish.



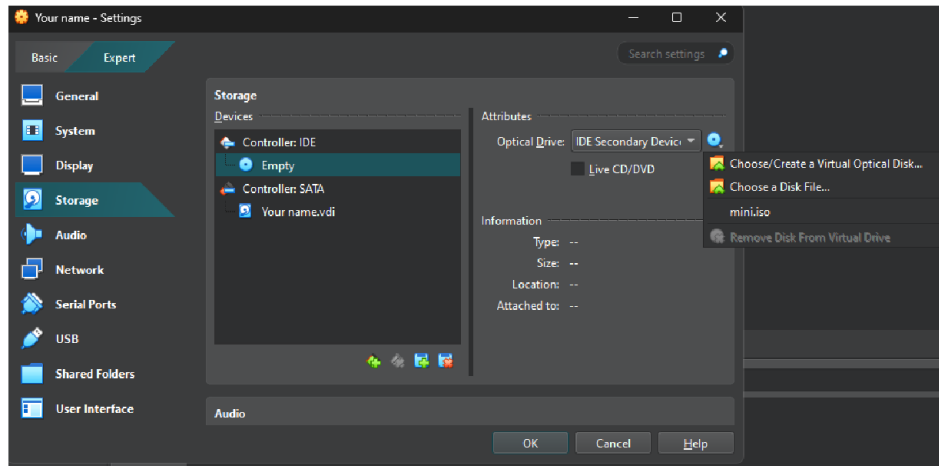
3. Installing Debian

3.1 Setting up the installation disk

1. Open the configuration  of the virtual machine.



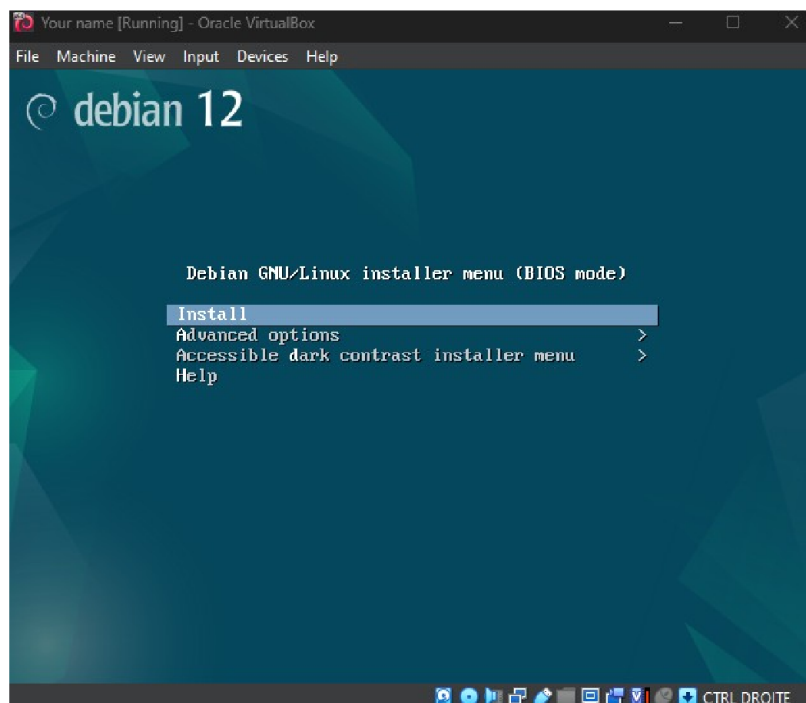
1. Go to **Storage > IDE Controller**, select the CD, and load the Debian ISO (if you don't have it, download it from the official website).



2. Exit the configuration and start the virtual machine.

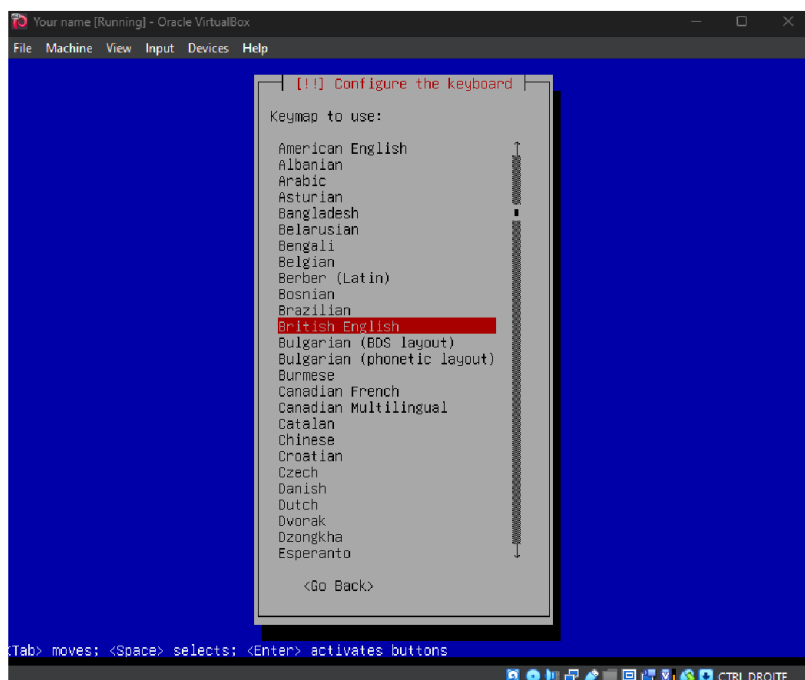
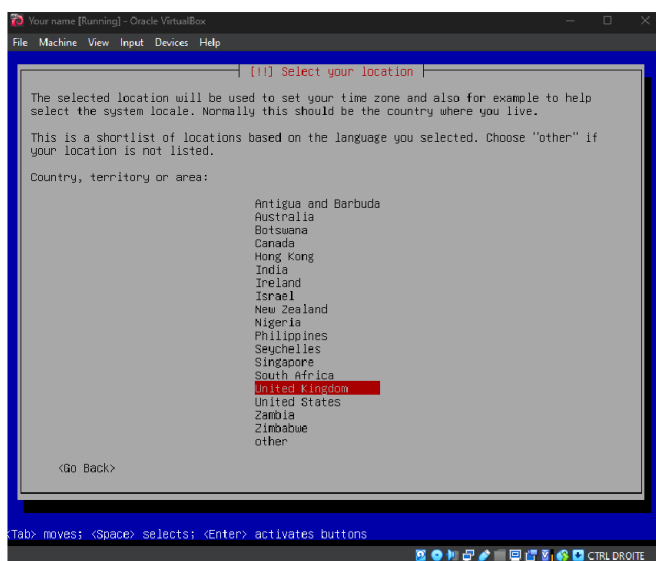
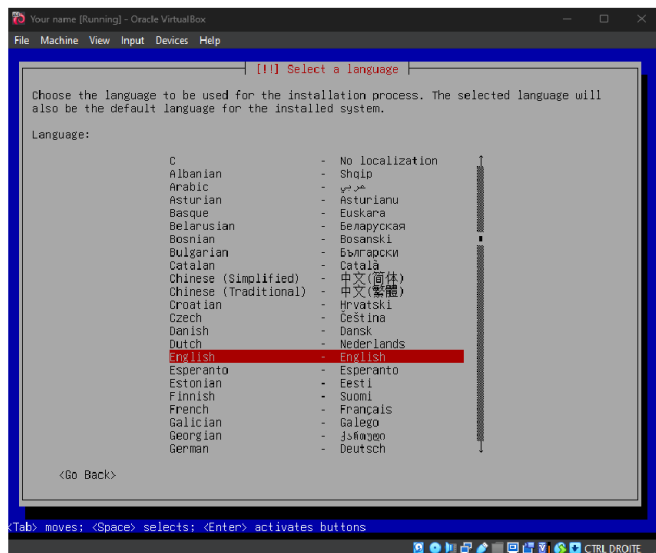
3.2 Beginning the Installation

The Debian installer will launch automatically. Refer to the important commands in **Part 1**.



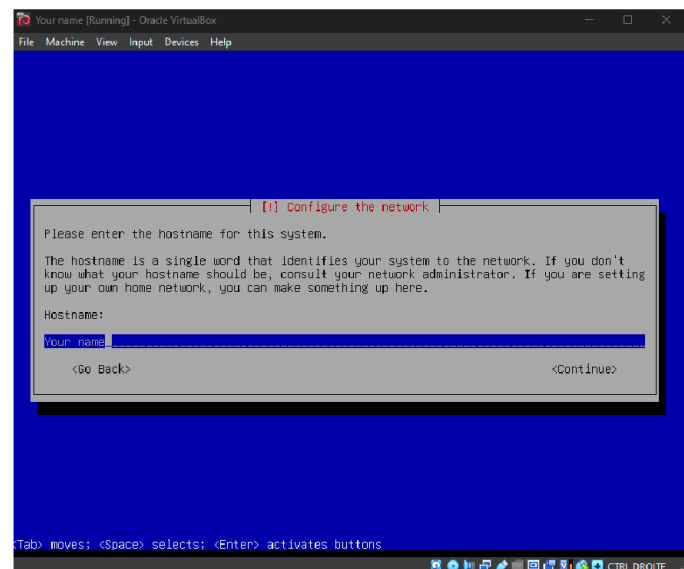
3.3 Language Configuration

Follow the steps to configure the language (except for your country, where you must choose your country).



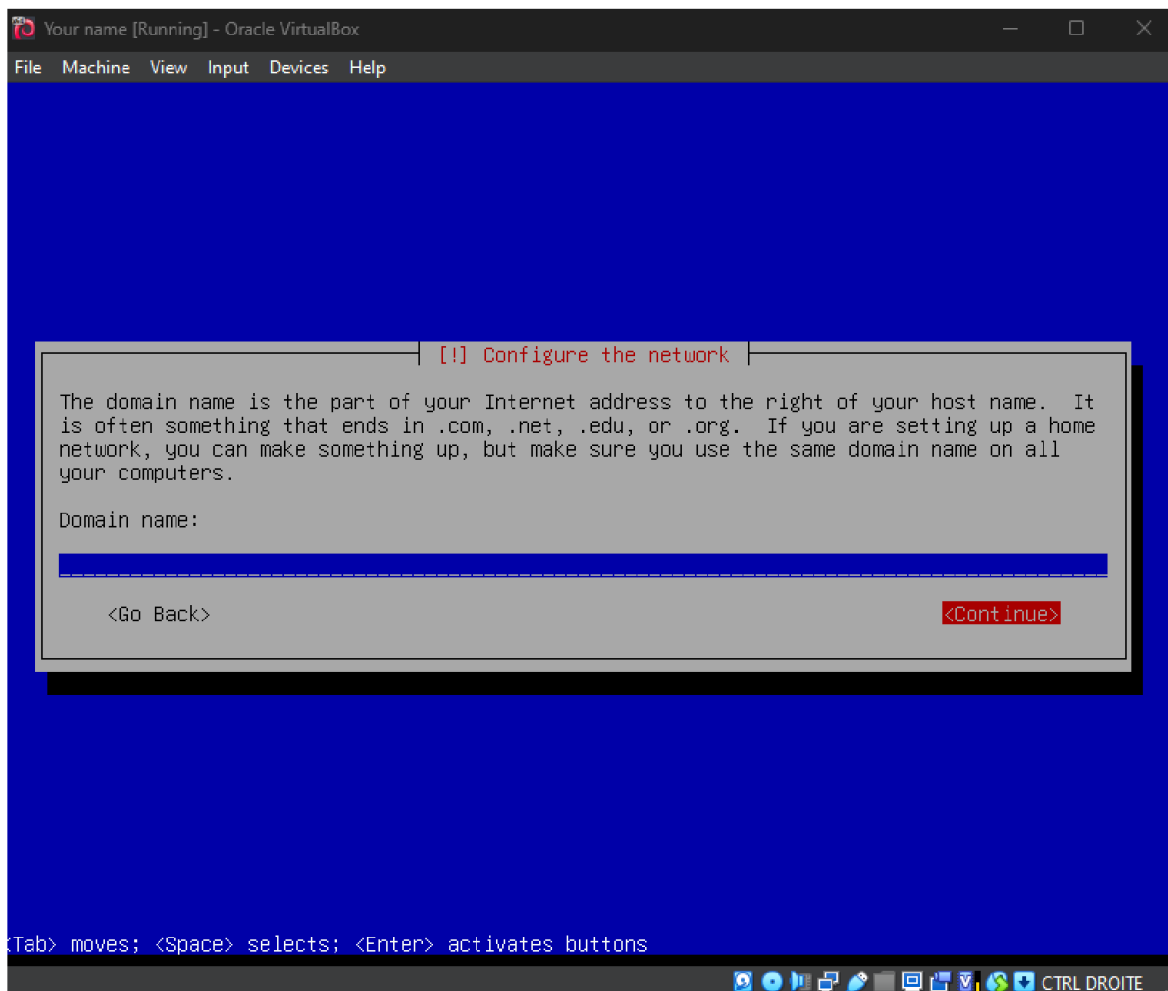
3.4 Machine Name

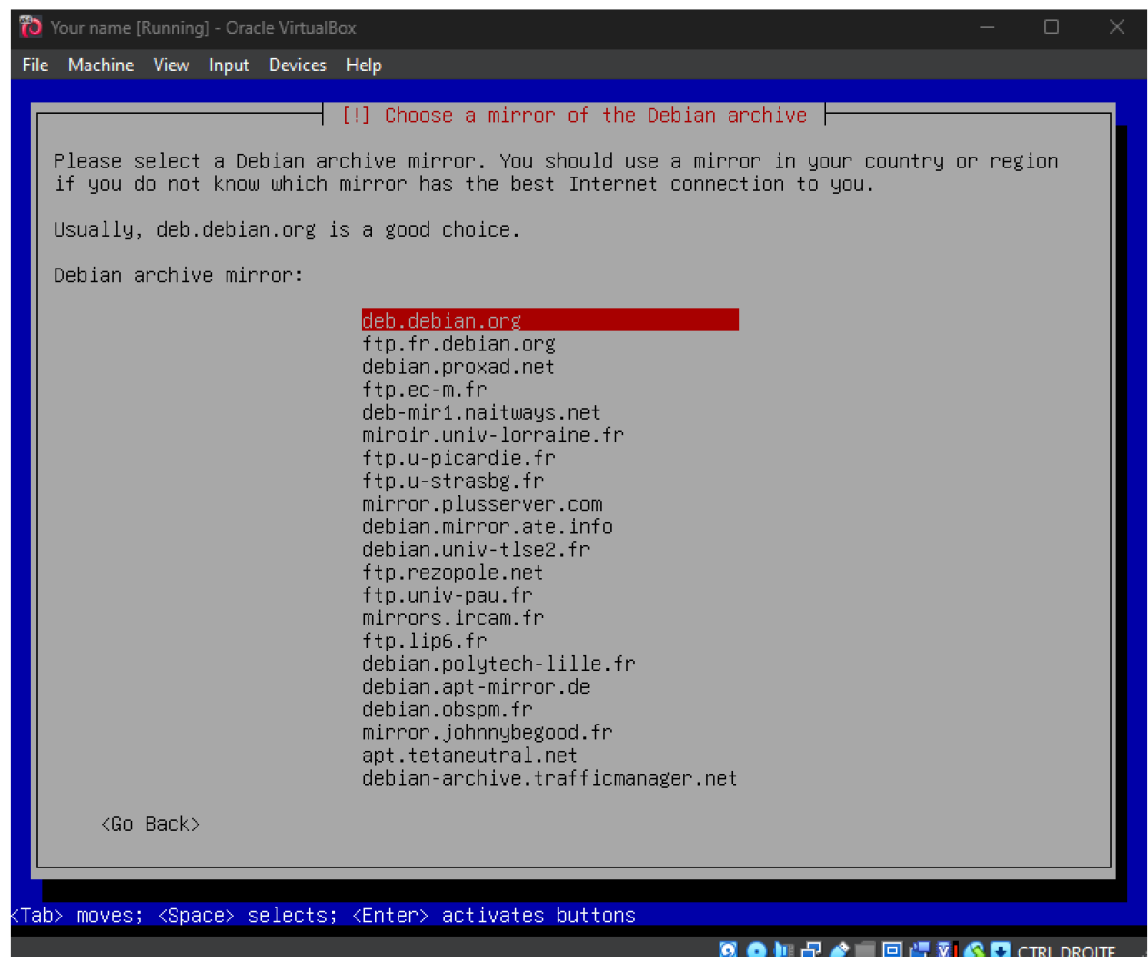
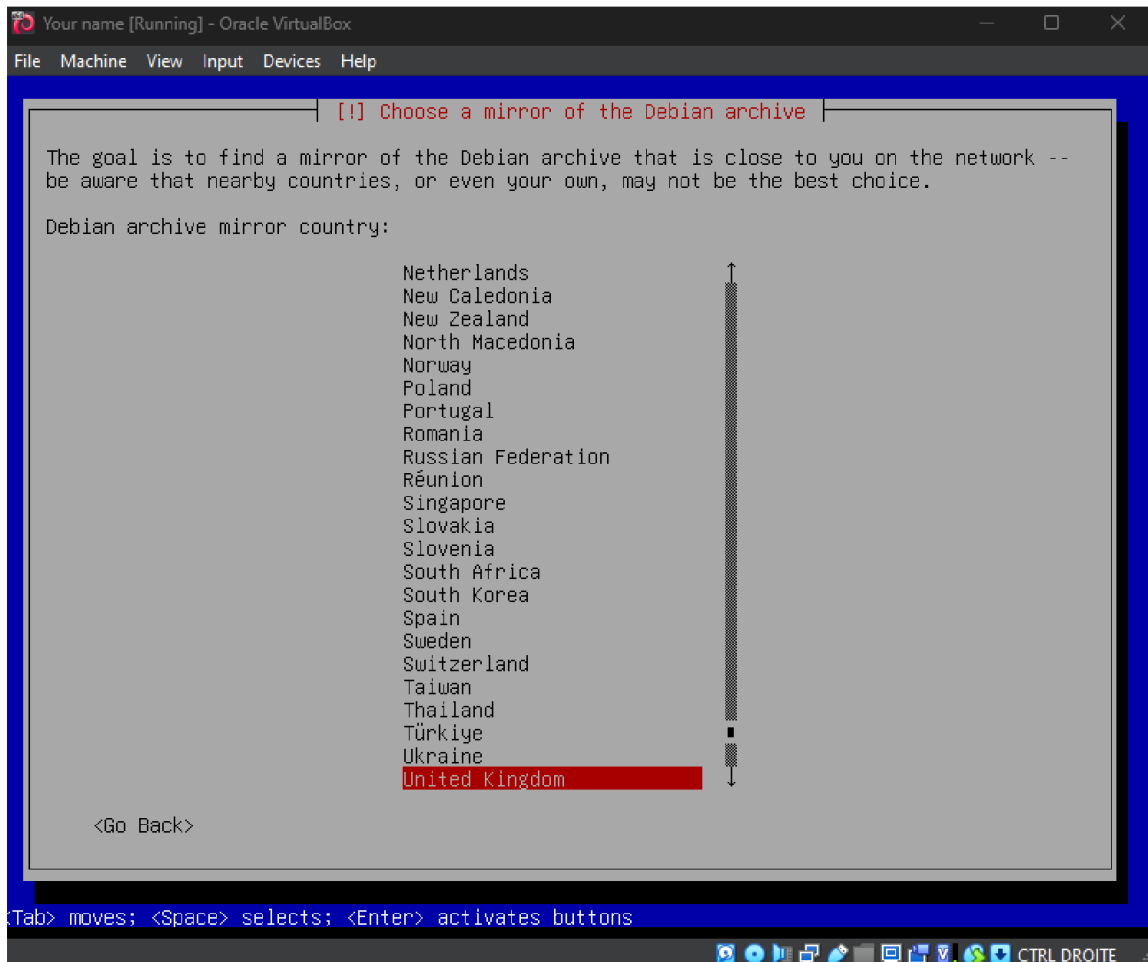
Assign a name to your machine, such as "ilikeenglish."

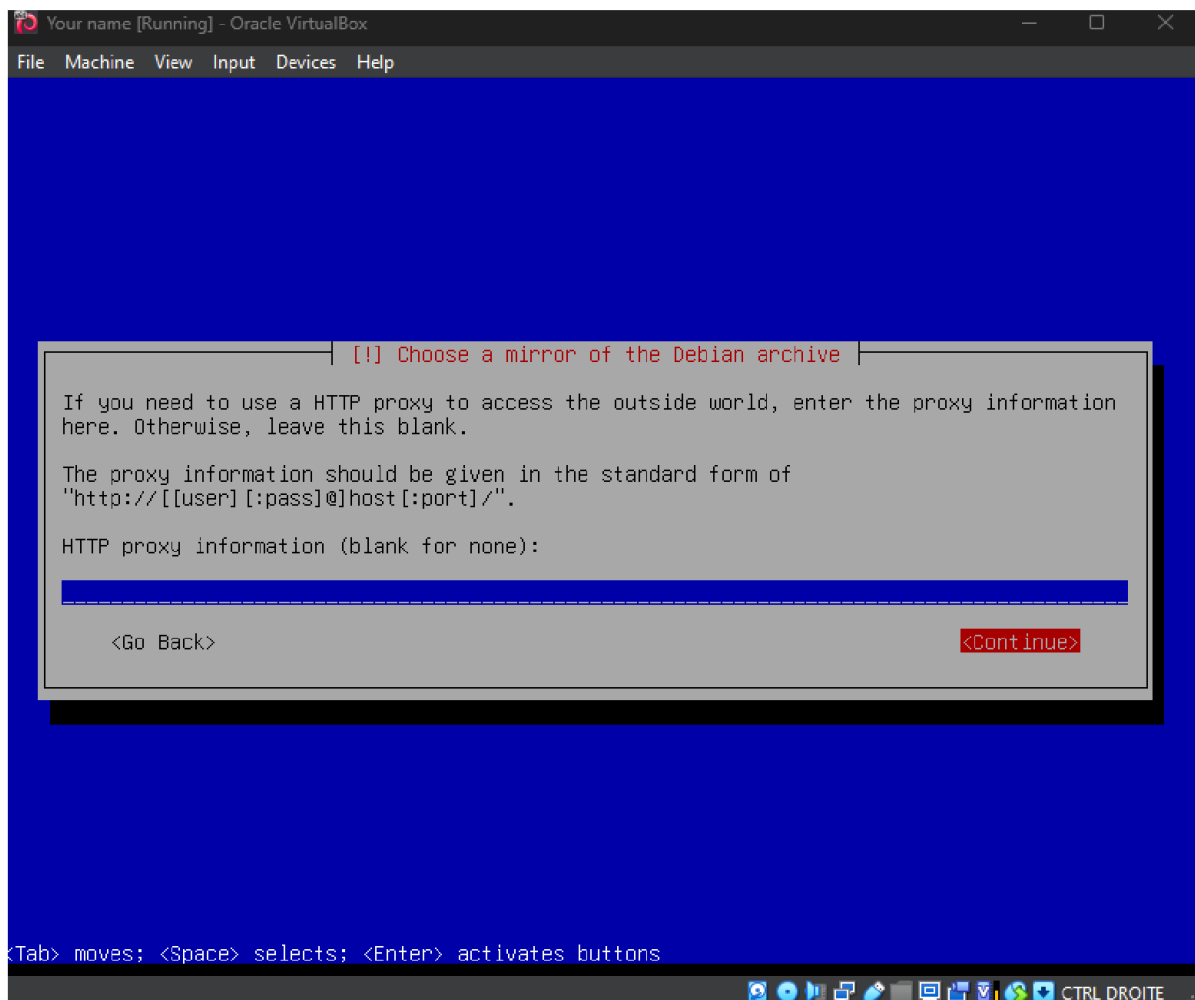


3.5 Network Configuration

Leave the domain field empty and choose an archive mirror like deb.debian.org, then follow the steps from the screenshots.

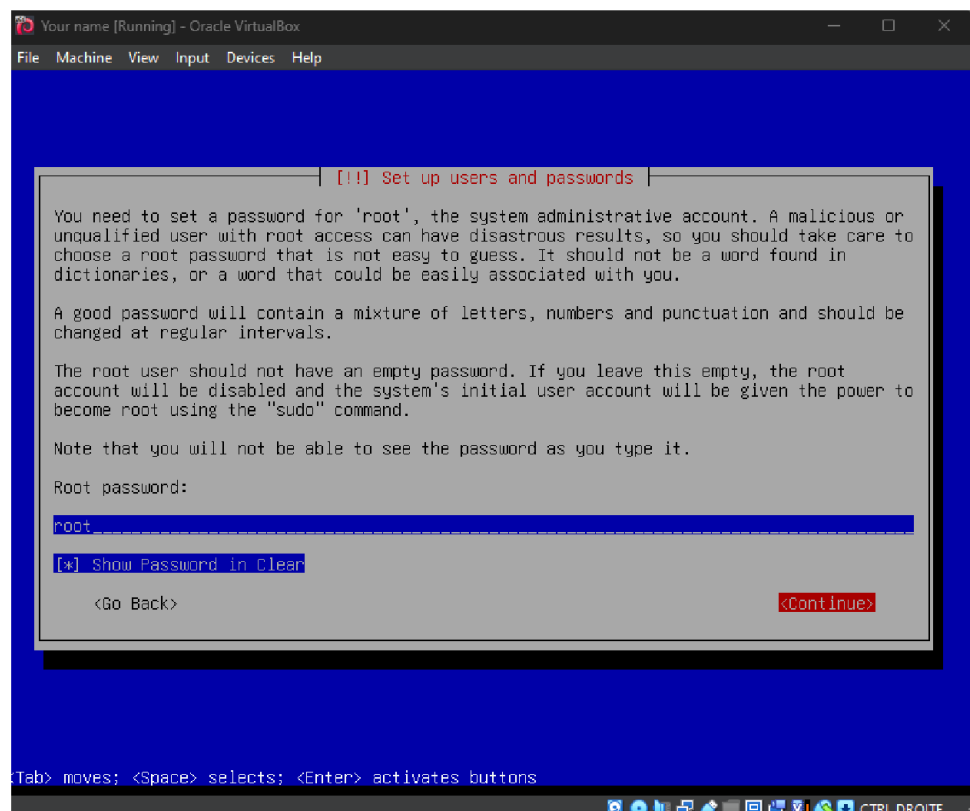


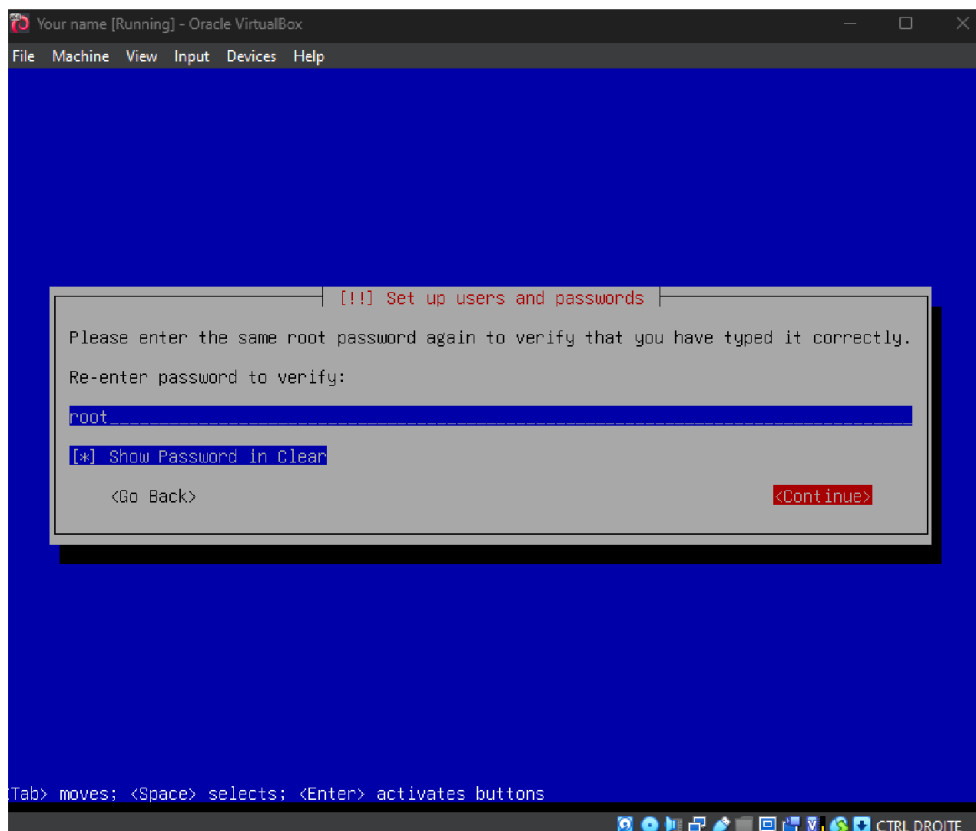




3.6 Superuser

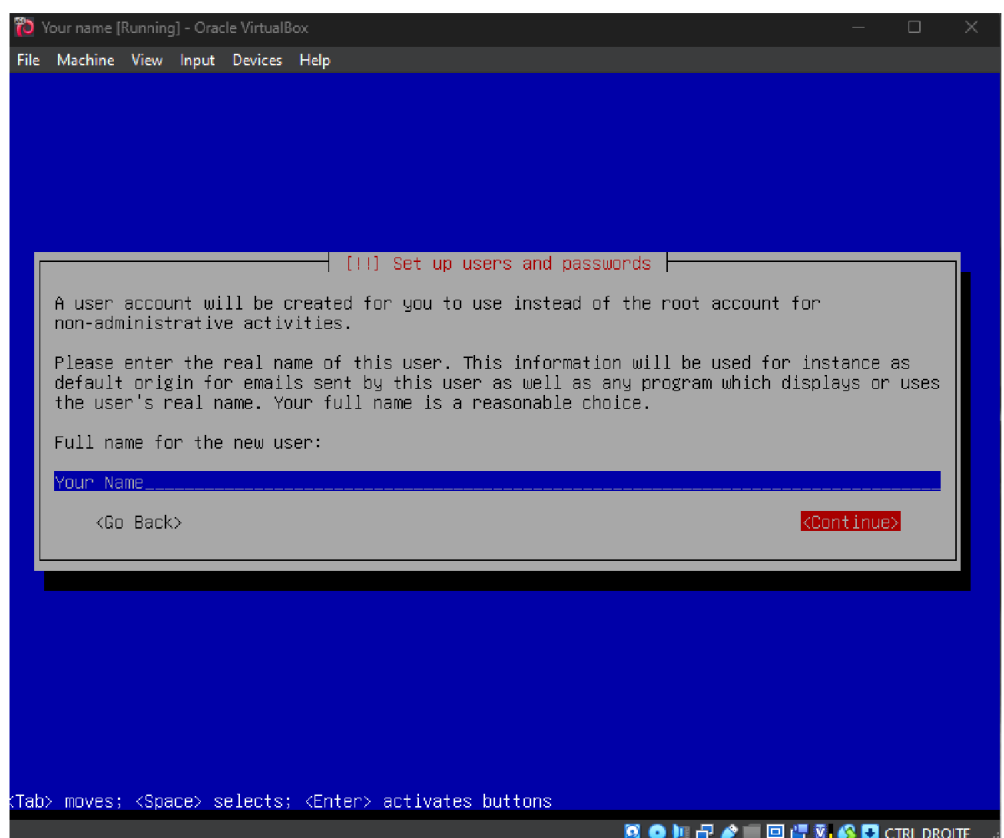
Set a password for the **superuser** (root).

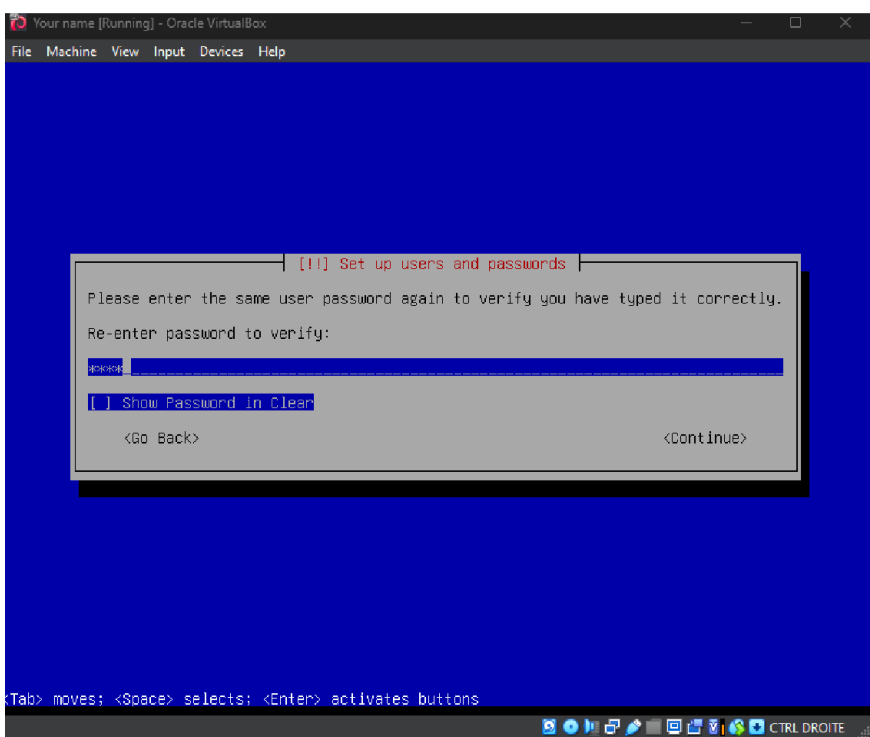
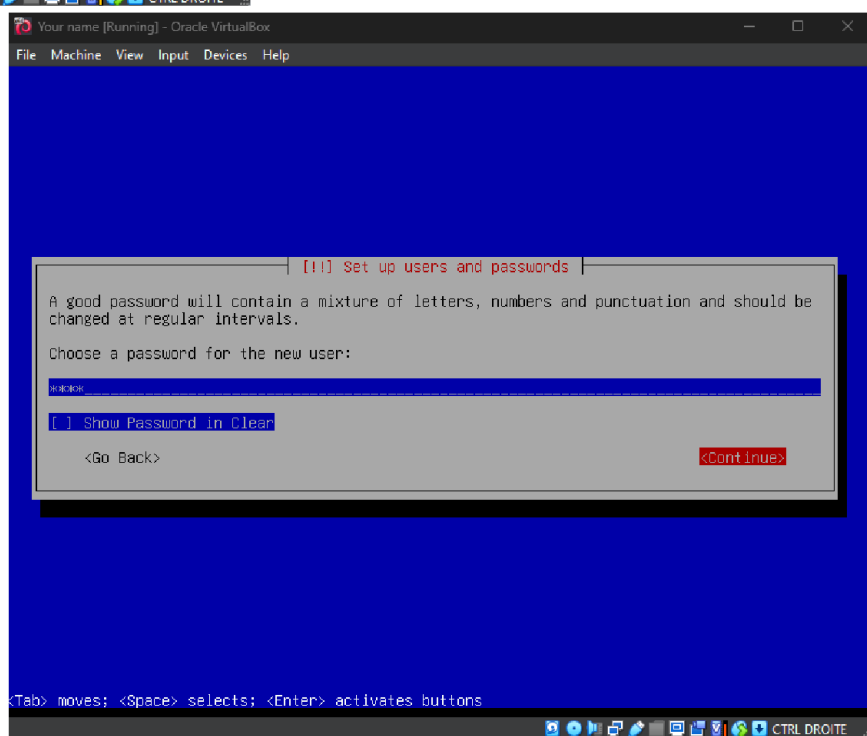
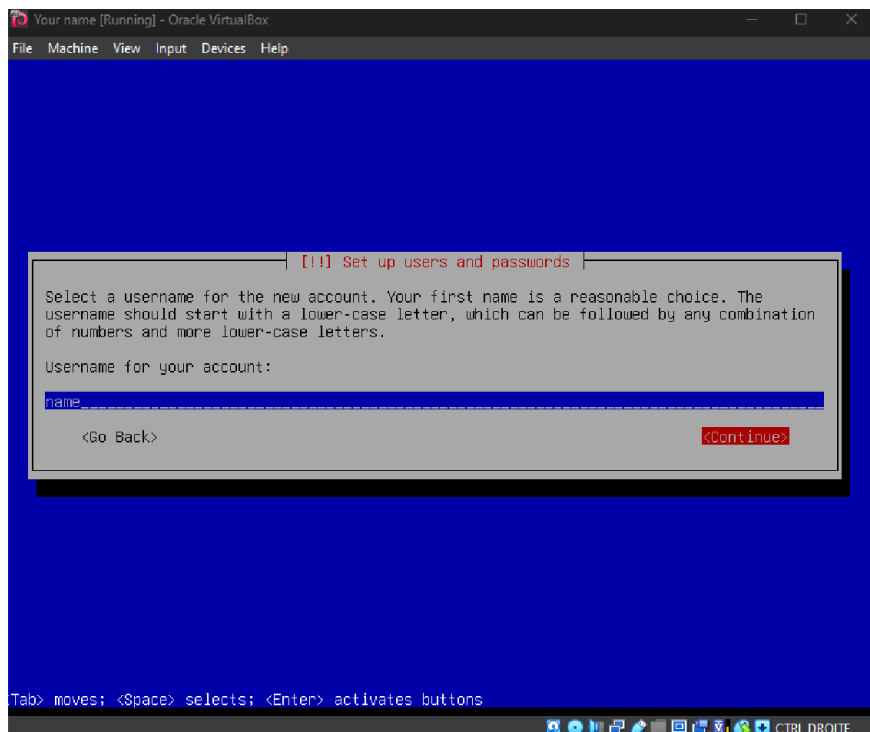




3.7 Creating a User

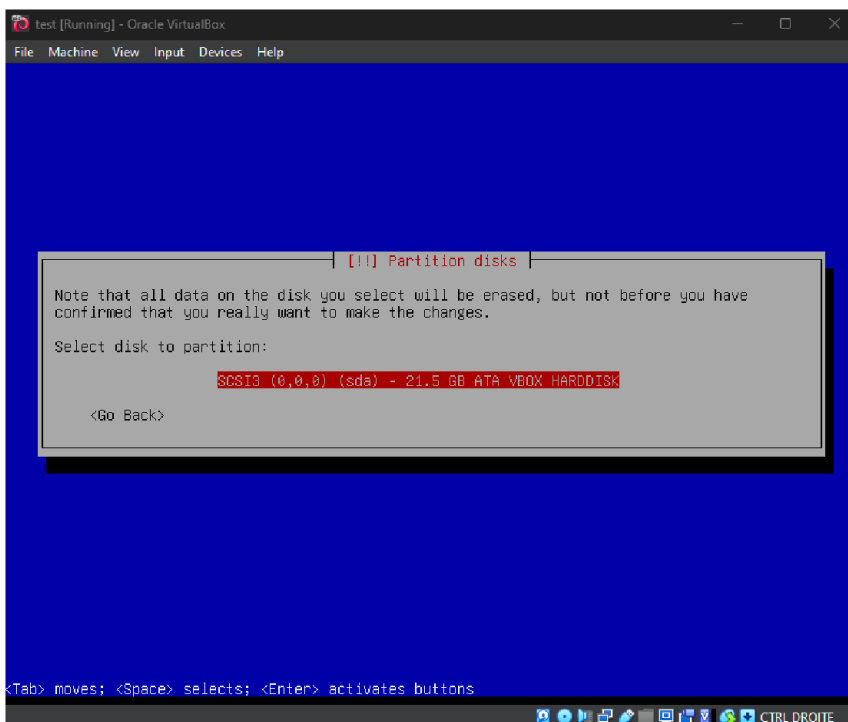
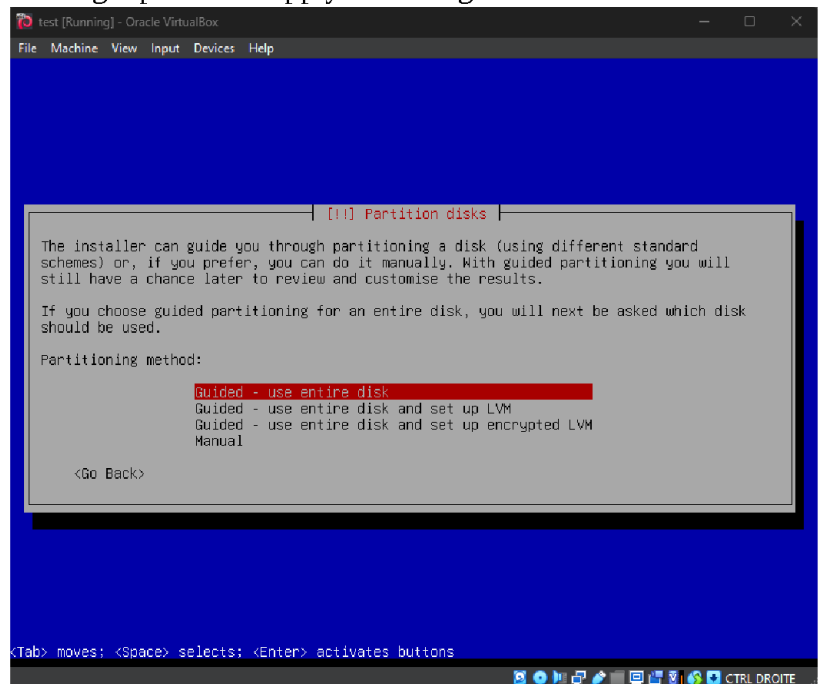
Create a user with a name, login, and password .

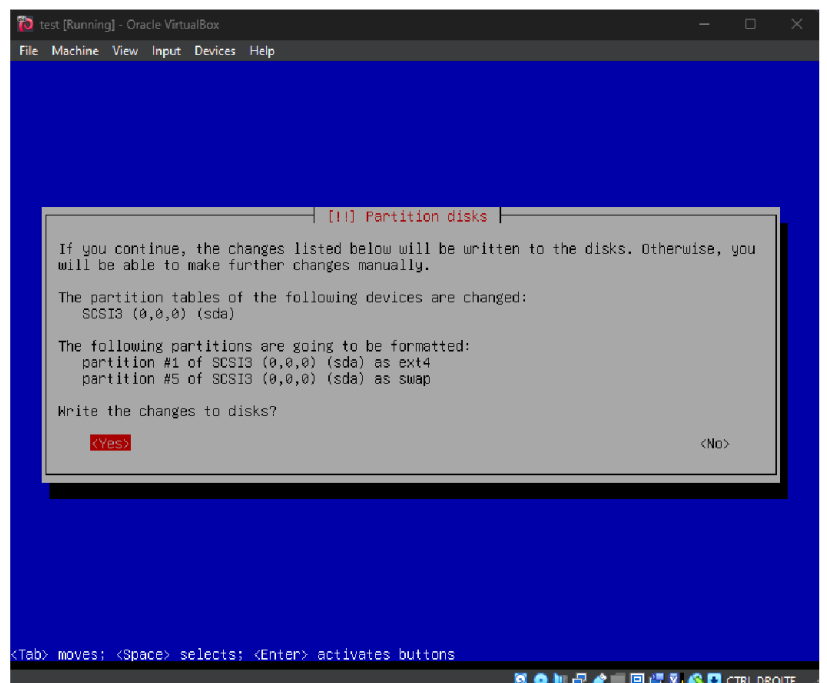
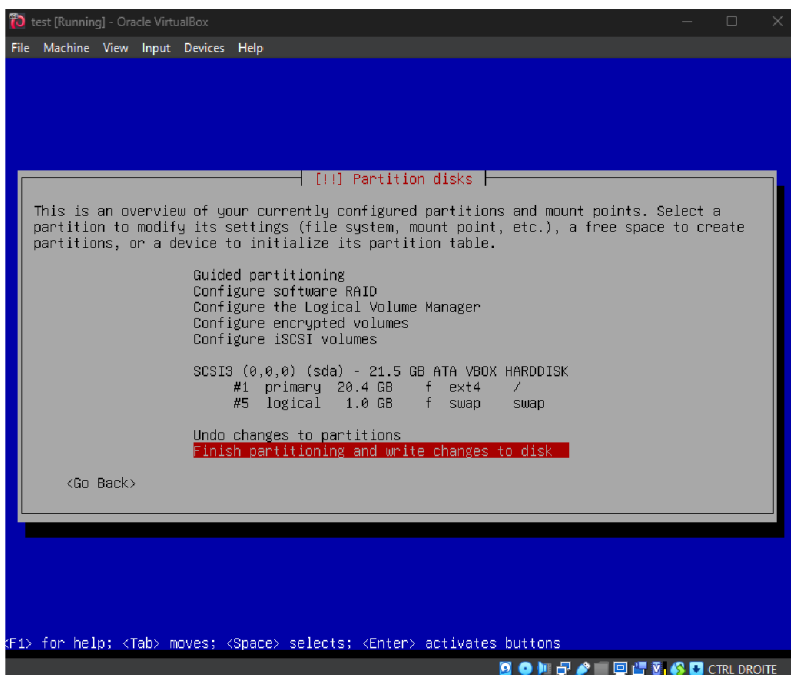
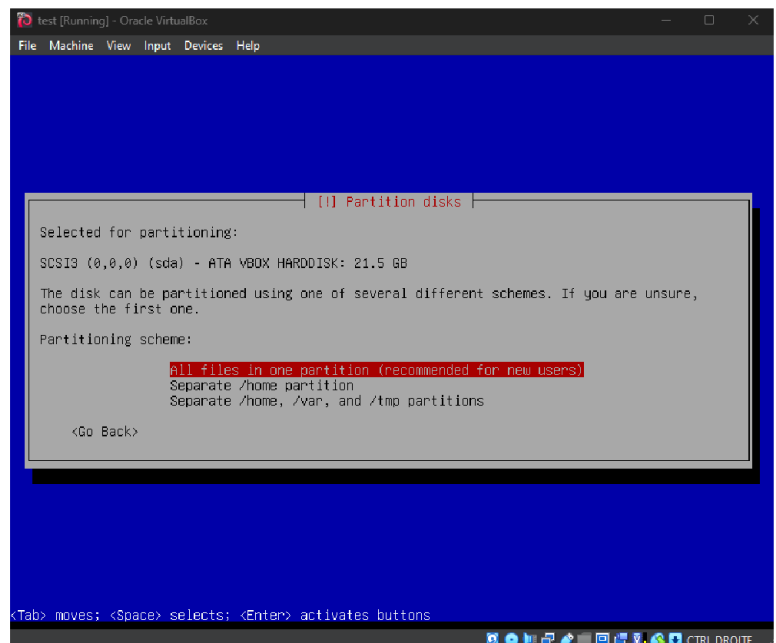


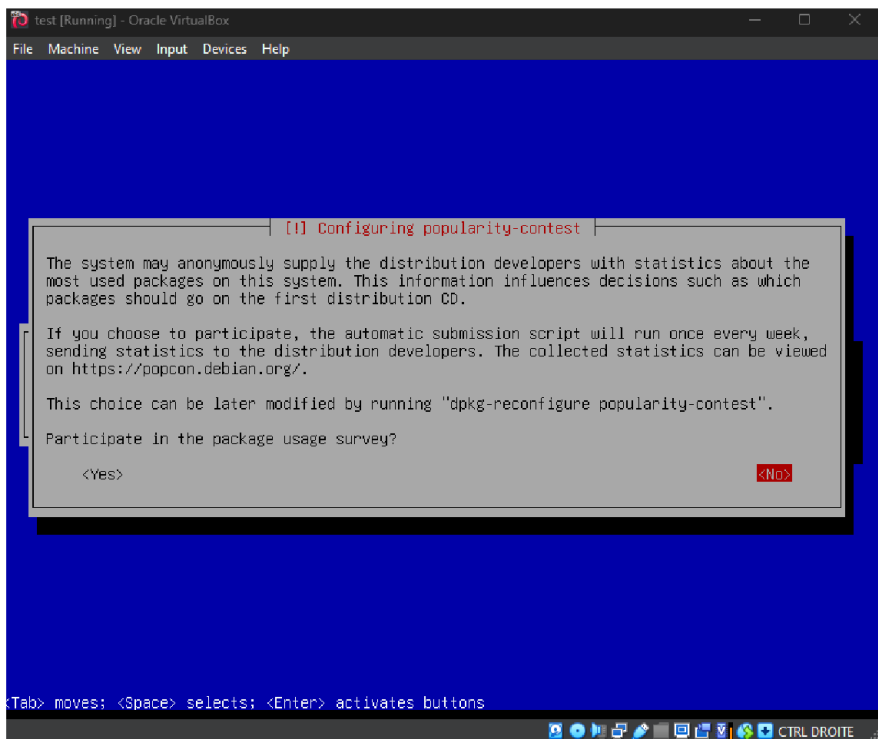


3.8 Disk Partitioning

Accept the automatic disk partitioning with a single partition. Apply the changes

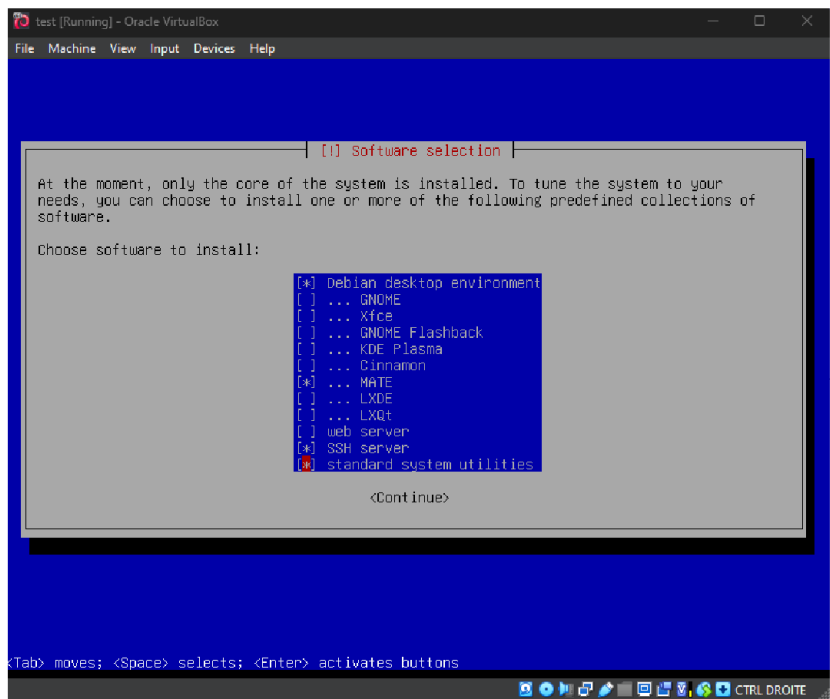






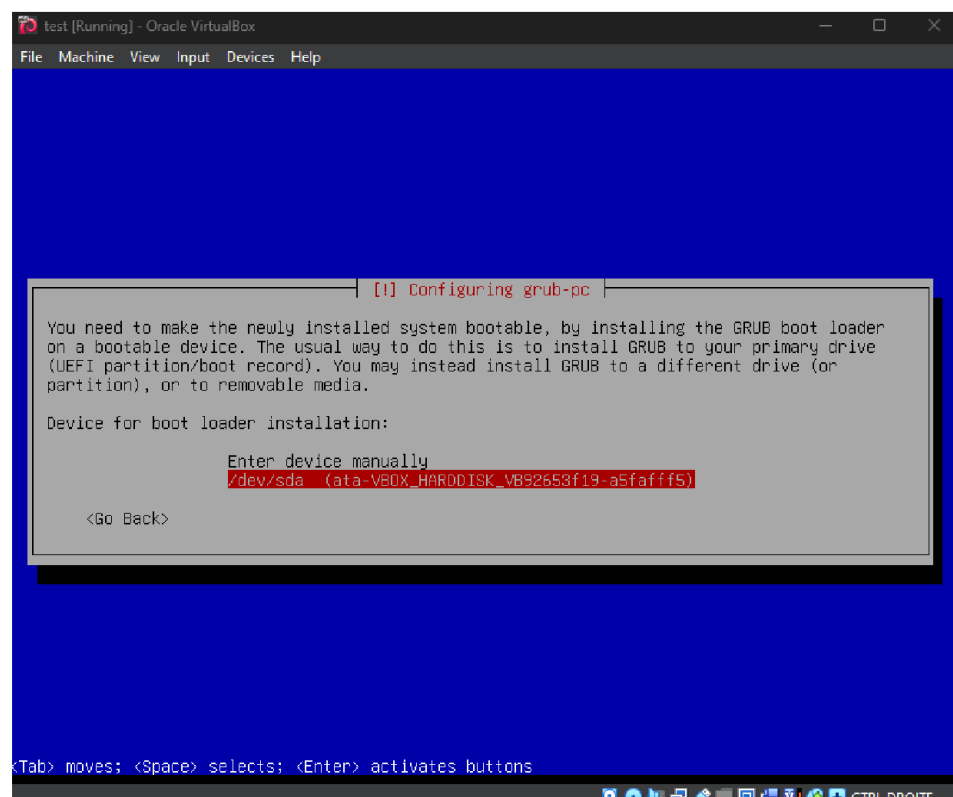
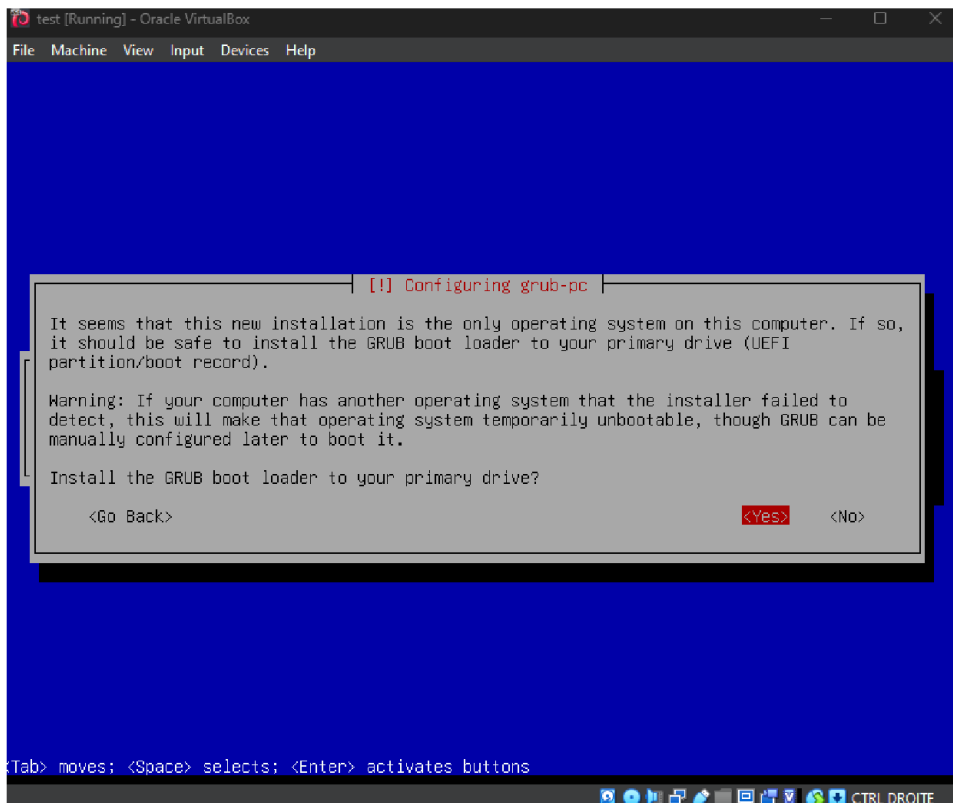
3.9 Software Installation

Choose exactly as shown in the screenshot.



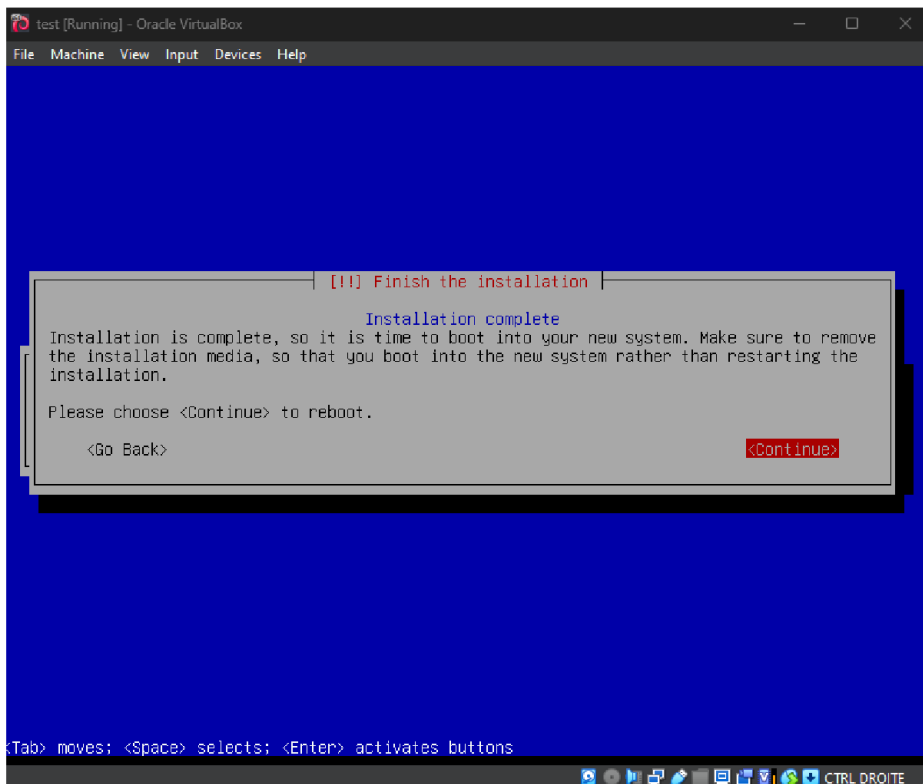
3.10 Bootloader

Install Grub to ensure your system boots correctly.



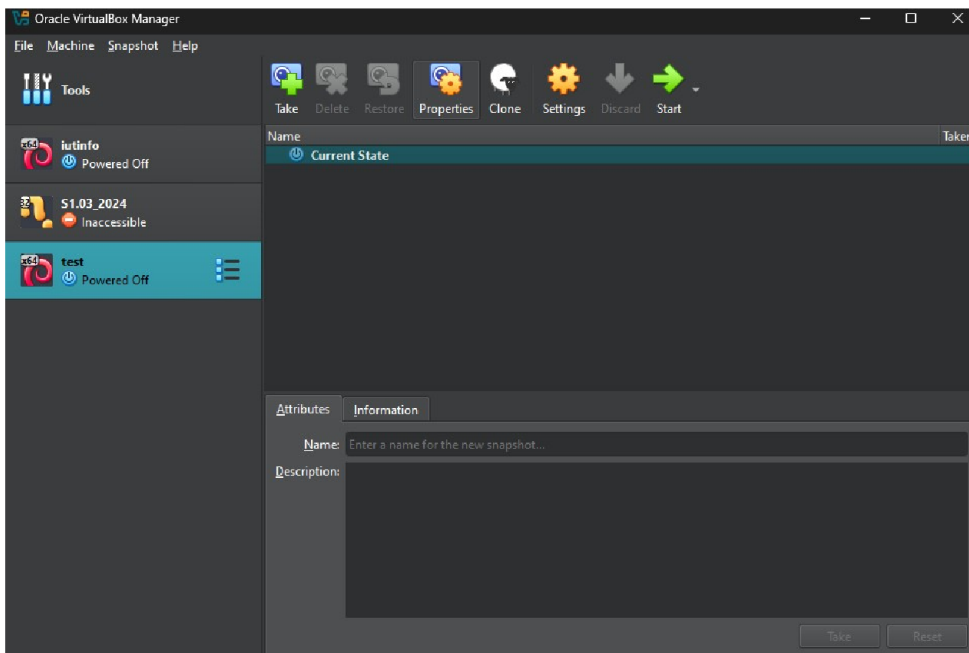
3.11 Finalization

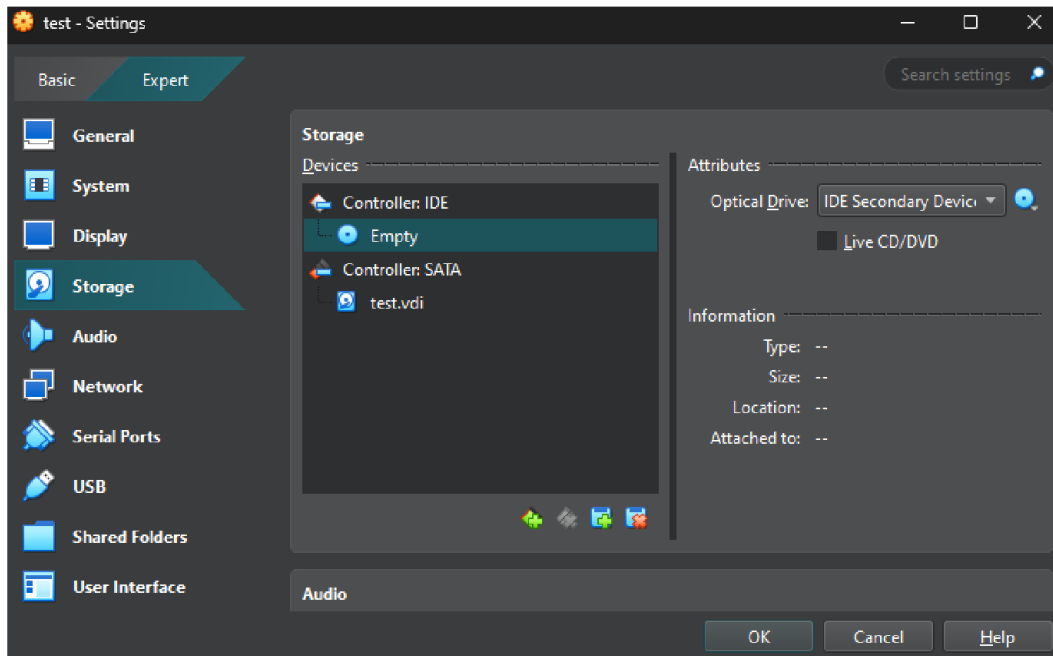
Once the installation is complete, click **Continue**, then shut down the virtual machine.



3.12 Unmounting the ISO

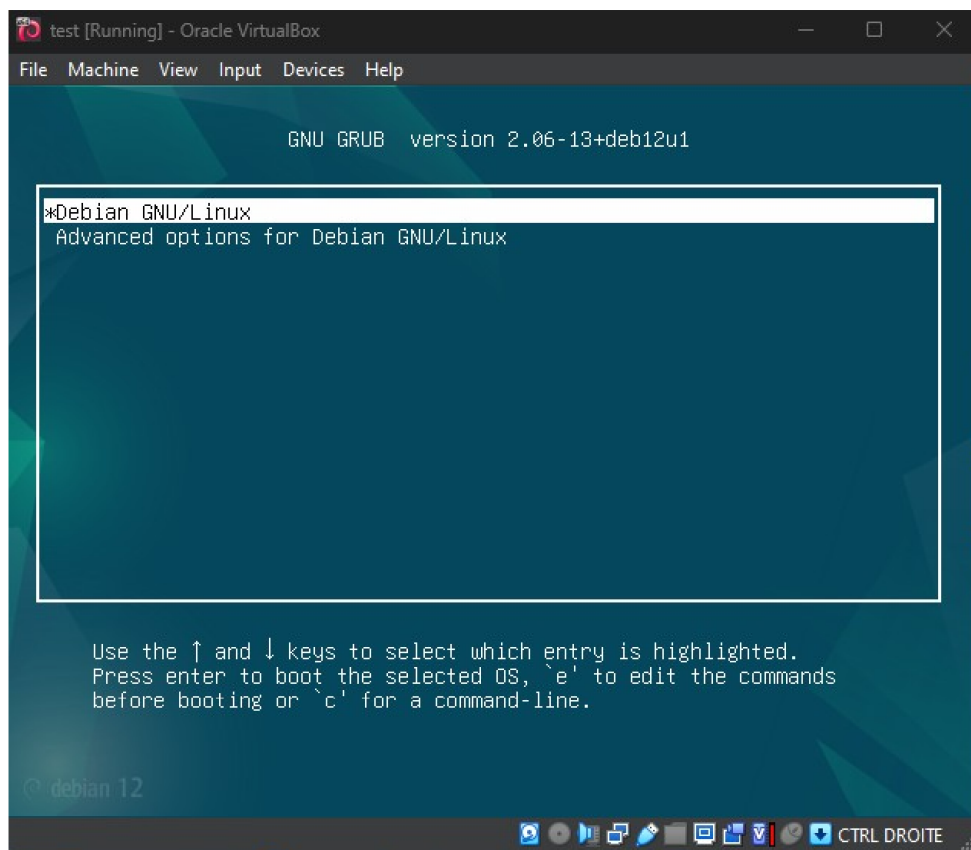
In the machine configuration, remove the ISO from the drive.

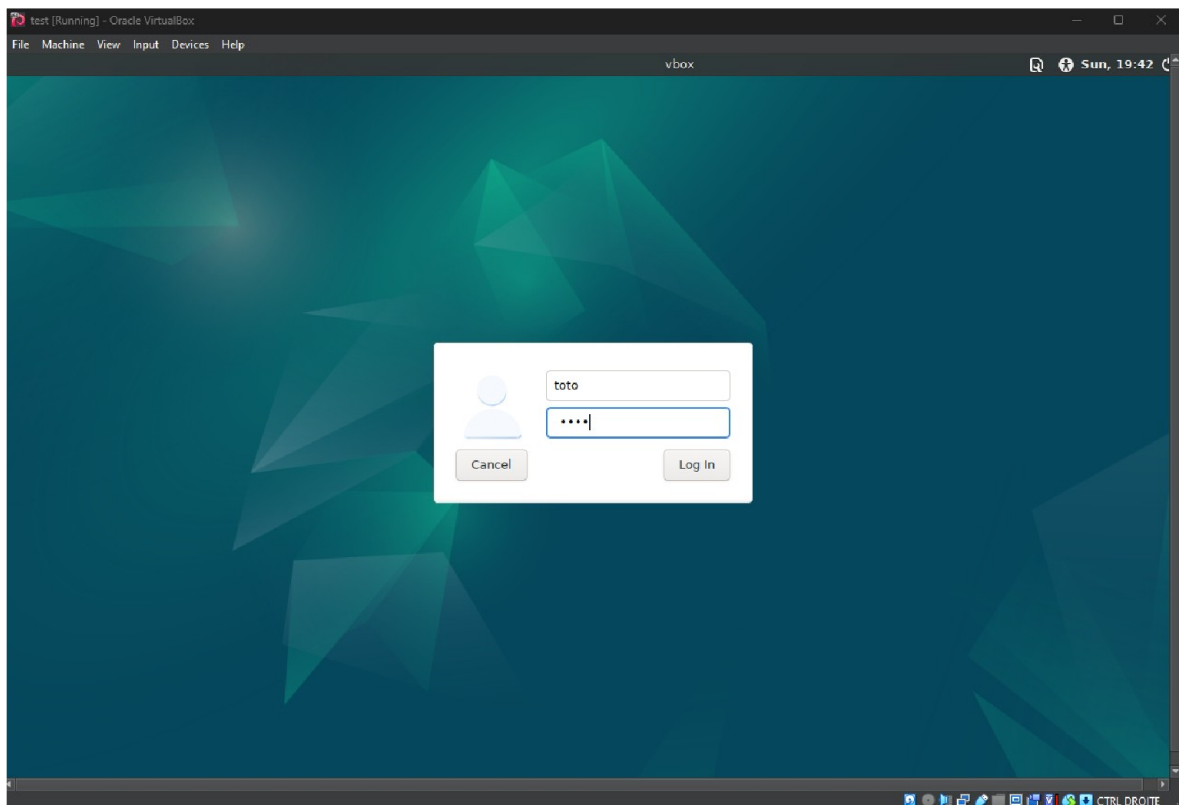




3.13 Starting Your Machine

Restart the machine and select the system to boot. Use **Enter** to start Debian.



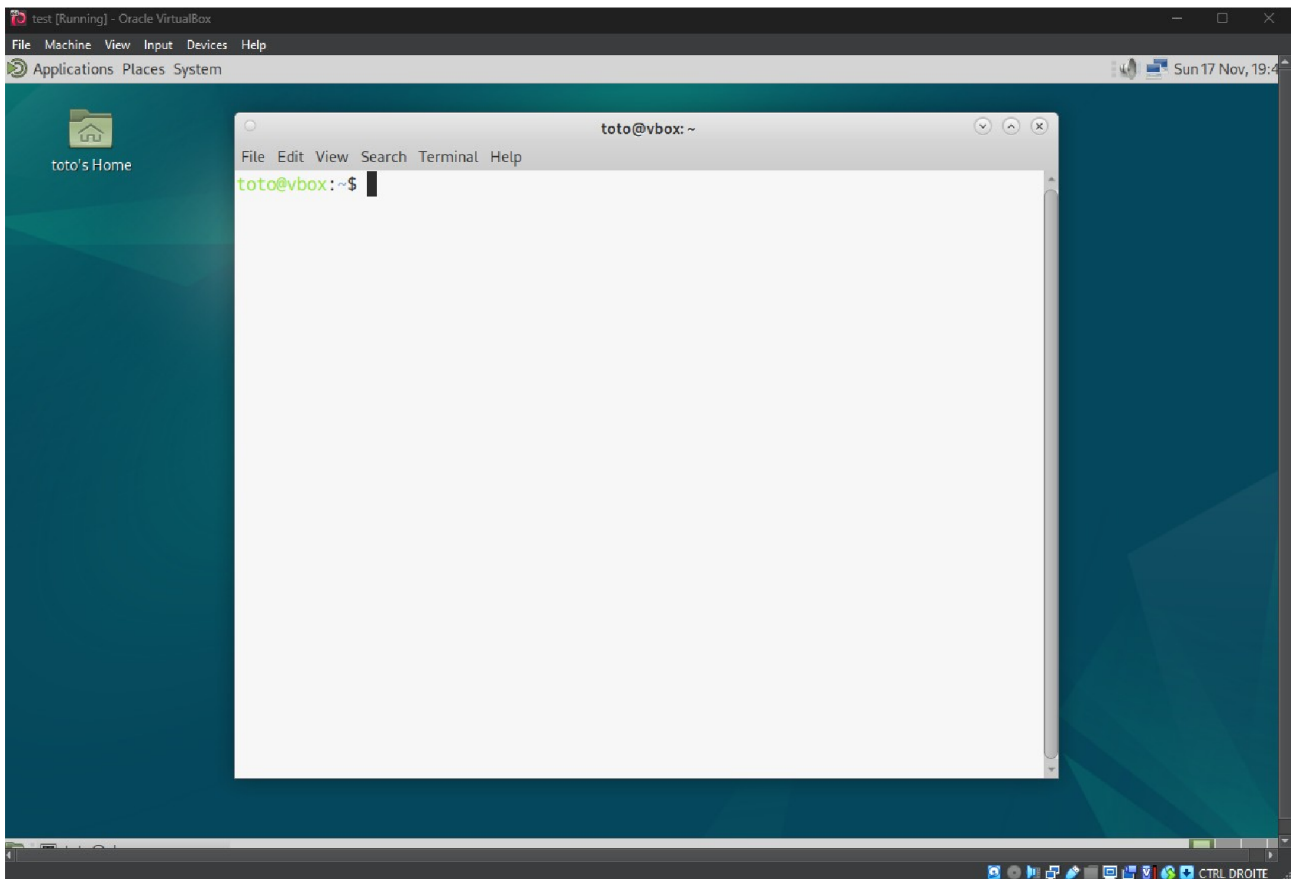


Part 3: Installing Software and GNOME Software on Debian

1. Install GNOME Software

If GNOME Software is not already installed, here is how to install it:

- **Open the terminal.**



- **Update package information:**

```
bash
Copier le code
sudo apt update
```

- **Install GNOME Software:**

```
bash
Copier le code
sudo apt install gnome-software
```

- **Launch GNOME Software** via the menu or by typing `gnome-software` in the terminal.

2. Using Snap or Flatpak with GNOME Software

To install applications via Snap or Flatpak, you first need to install these tools:

- **For Snap:**

```
bash
Copier le code
sudo apt install snapd
```

- **For Flatpak:**

```
bash
Copier le code
sudo apt install flatpak
sudo apt install gnome-software-plugin-flatpak
```

- Then, you'll have your store in **Applications > System Tools > Software**.

