UNIT 01: OPERATING SYSTEMS INSTALLATION EXERCISES
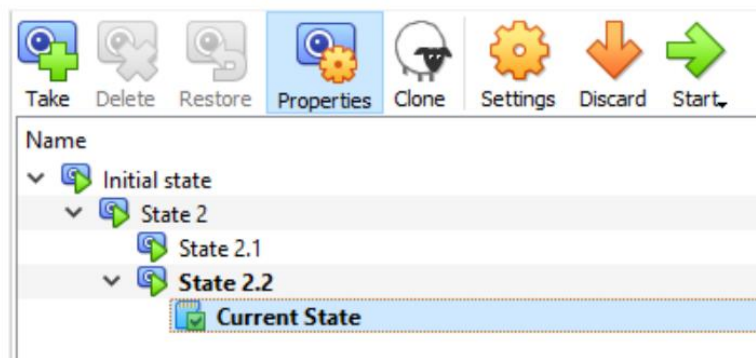
4. **Create the snapshots like in the picture below using one of the virtual machines created in the previous exercises.**

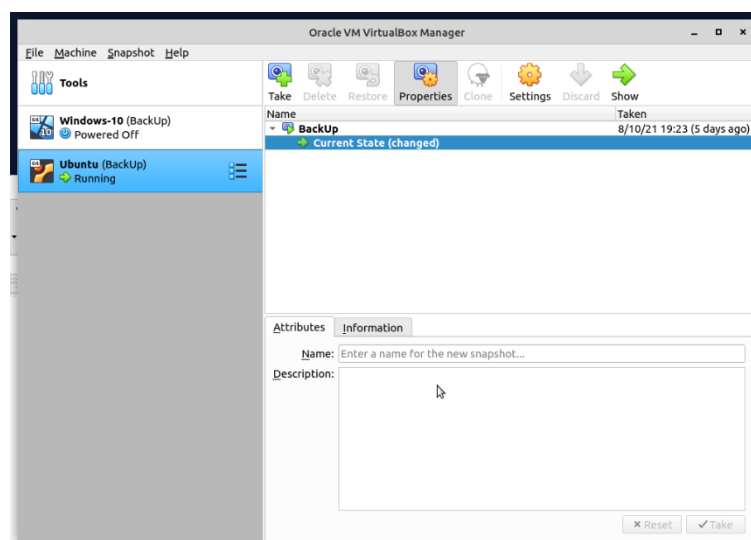   **Before each snapshot, you must change something in the operating system.**

   This tool is normally used when performing a critical action or installing software. But, in this case, you can do something so easy as creating a new file to study the different states.
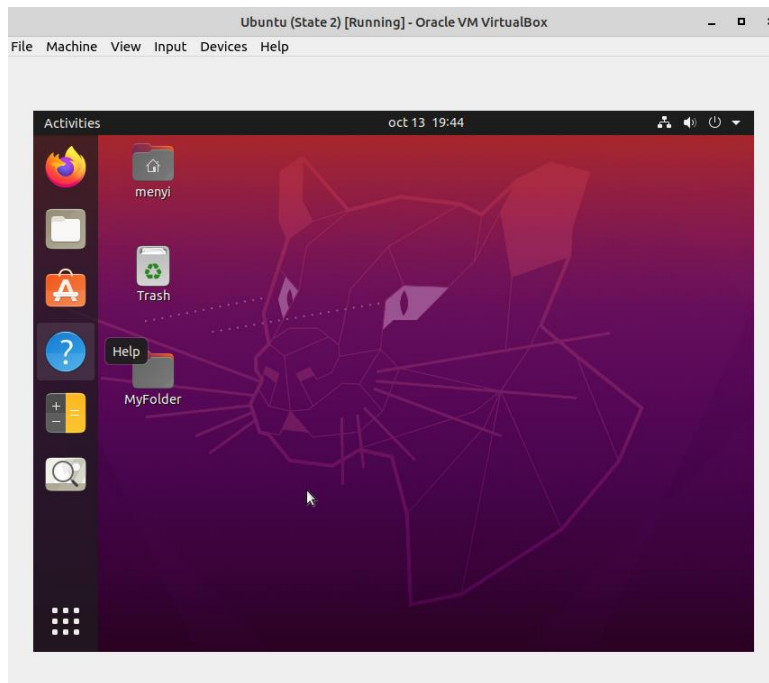
   Then, complete the following actions in order:

   - Restore State 2.

   - Delete State 2.1 and explain what happens.

   - Restore State 2.2.
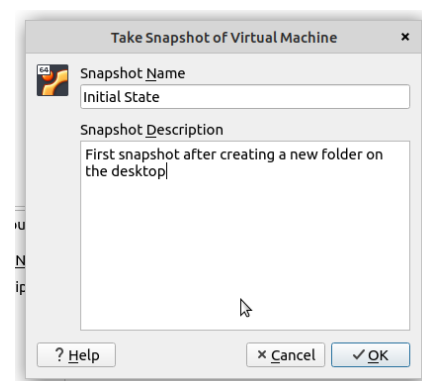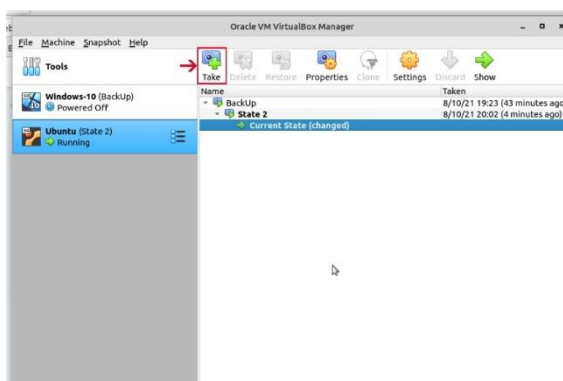
   - Delete State 2.2 and explain what happens.

NOTE: I created a snapshot before this exercise to back up the VM right after the installation, just in case. Instead of starting from "Initial state" the exercise starts from the BackUp snapshot.
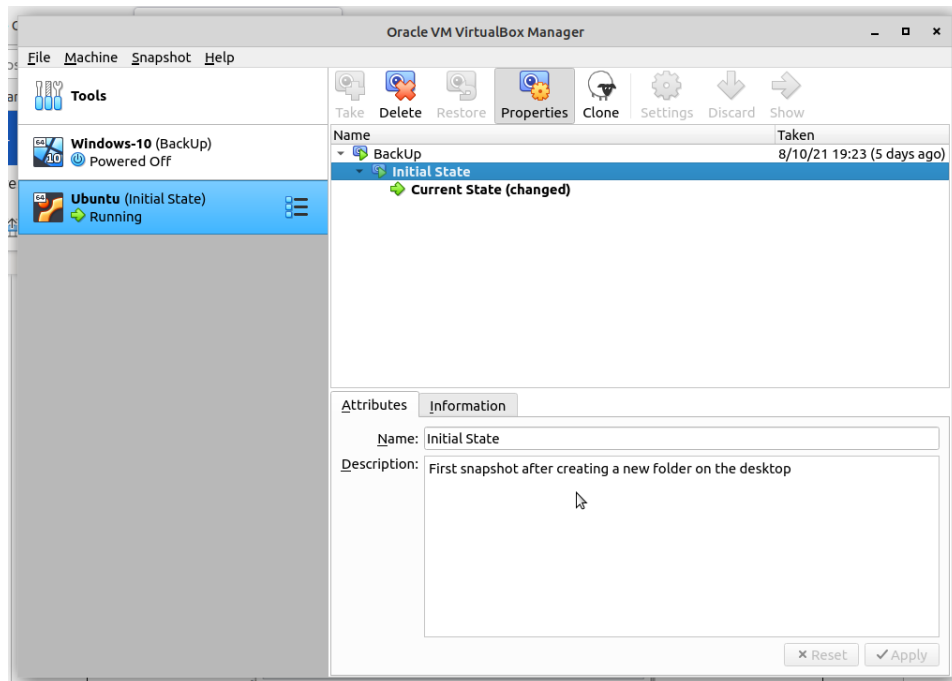
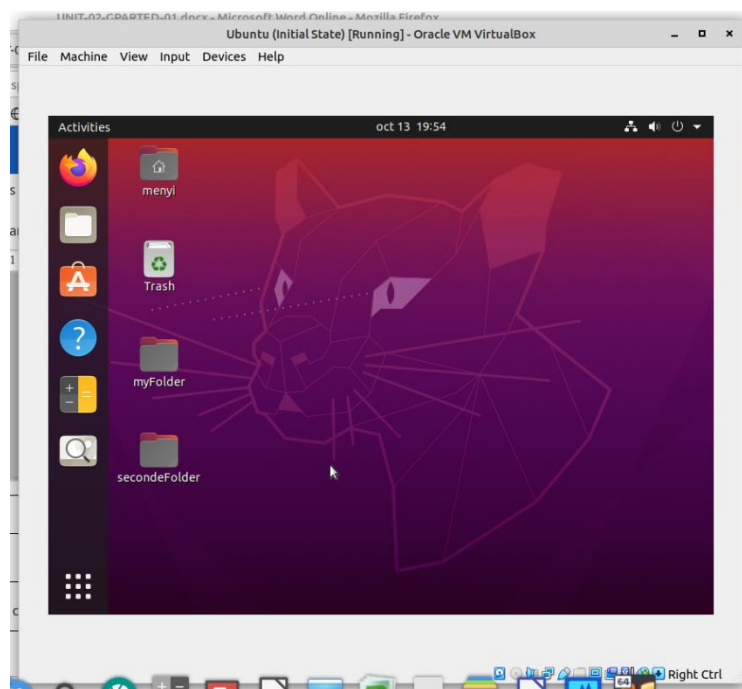| STEPS |
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| |
| Before to take the first snapshot we created a **new folder** on the desktop called **MyFolder.** |

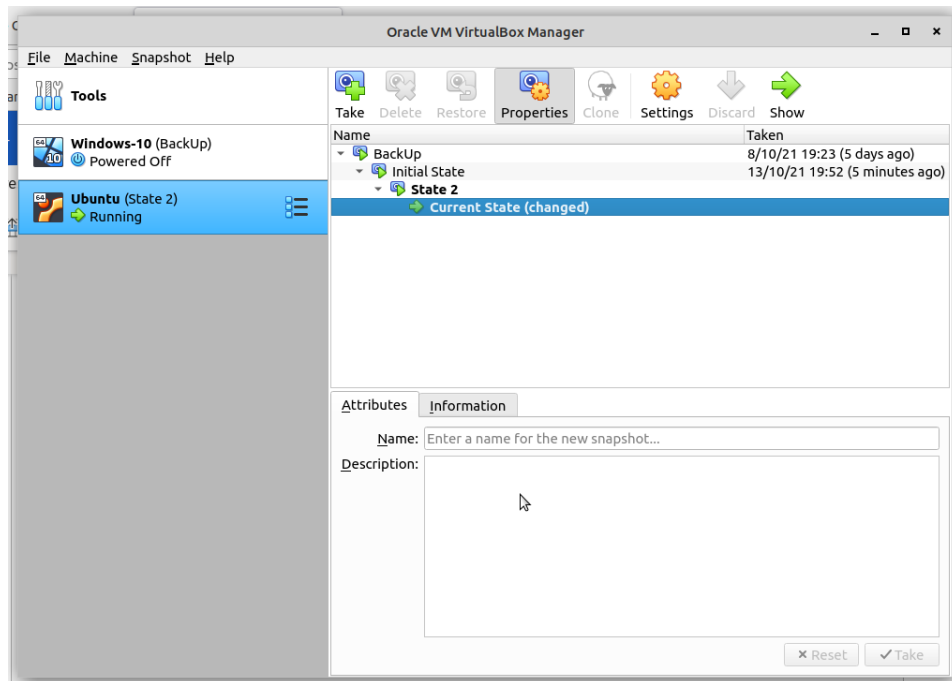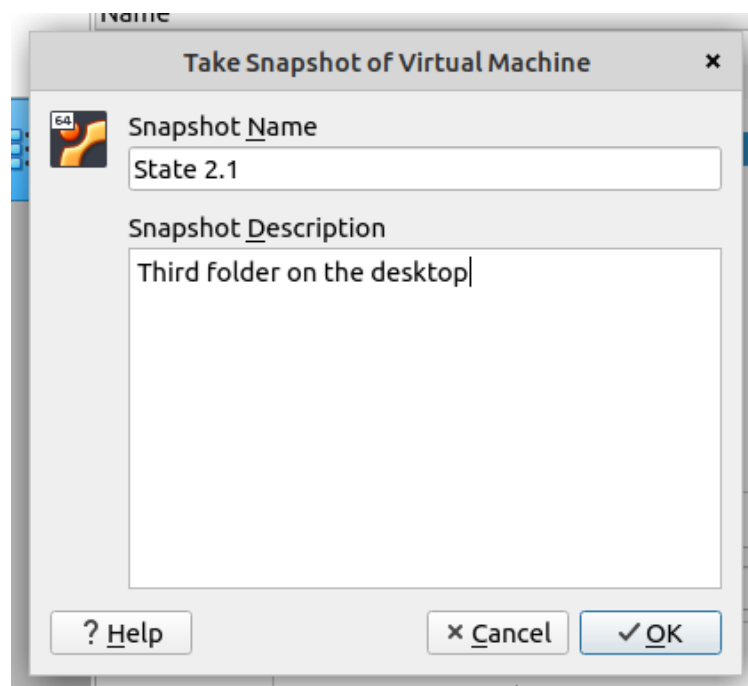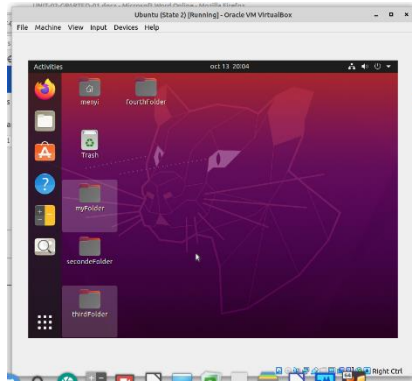|	
To create the snapshot, just click on the **Take icon** located on the top menu.	A new window opens, here we give the snapshot a name **"Initial State"** and some description.

As we can see the snapshot has been created.

Now we create another folder **"secondFolder"** also on the desktop and
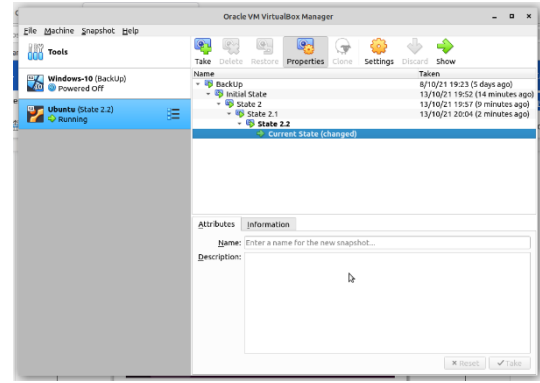then we take another snapshot from the **Initial State**.

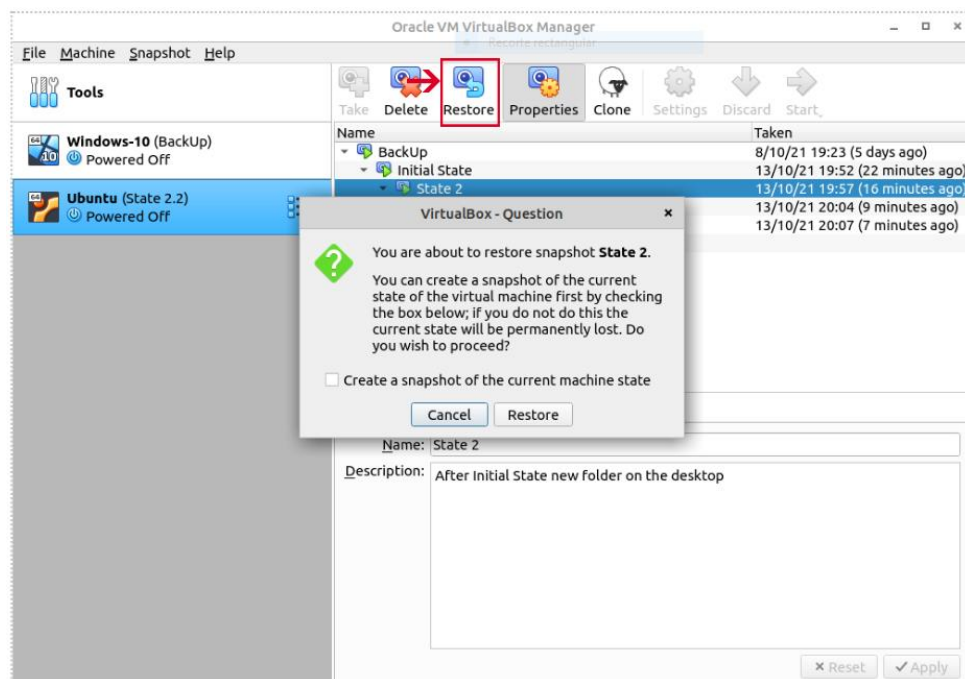New snapshoot named **State 2**, we see all the states created so far on VM.

We create a **new folder** named **"thirdFolder"** on the desktop then another snapshot named **"State 2.1".**

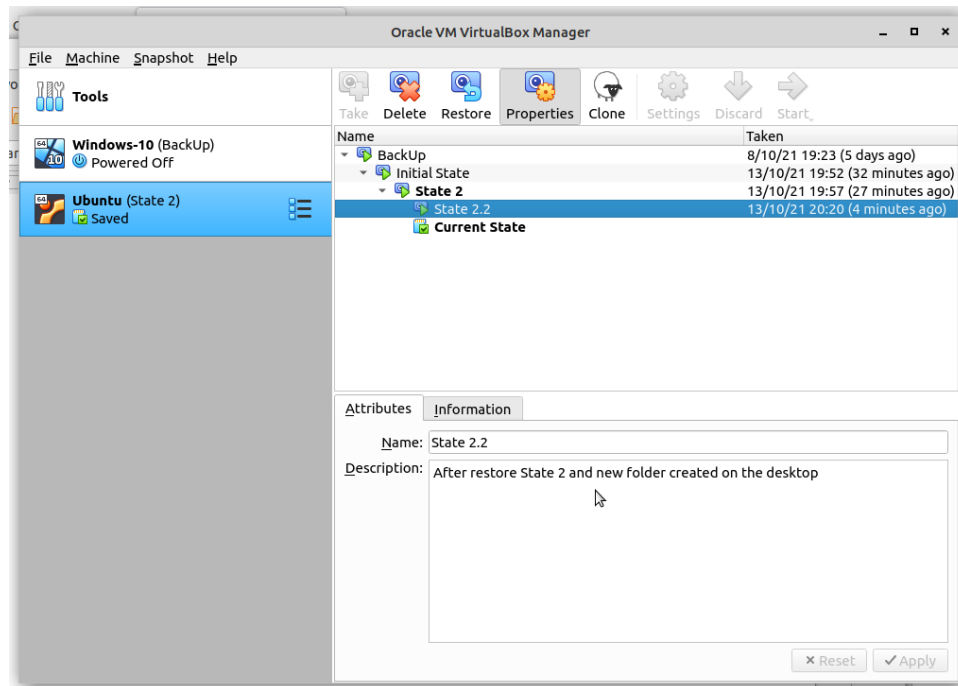|	
New folder **"fourthFolder"** and remove the Calculator from menu.	After these changes we take a new snapshot named **State 2.2**

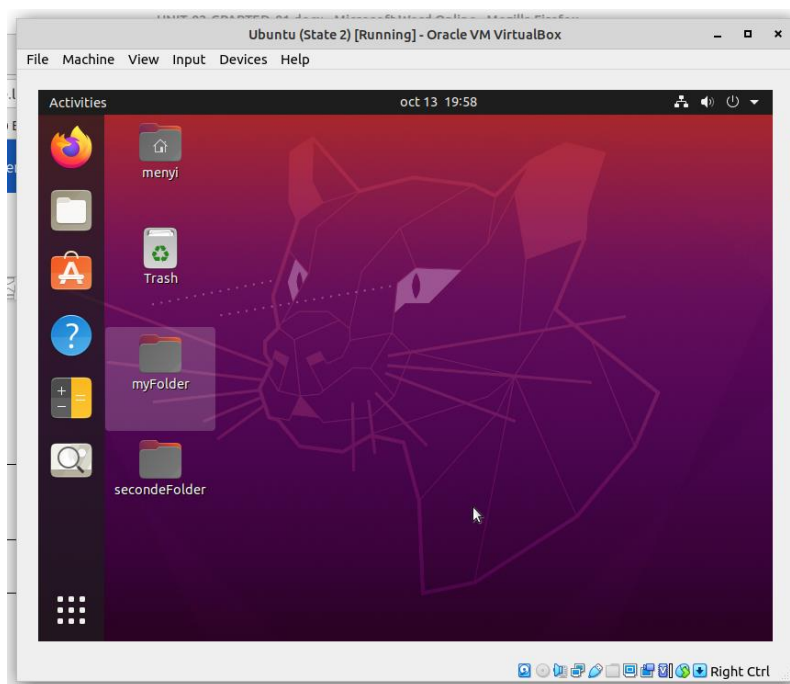All the states are created, we can manage them but first we need to shut down the computer.
Then we **restore State 2** by clicking on the Restore icon on the top menu.
A new window opens**, uncheck** the Create a snapshot option and click on **Restore**.
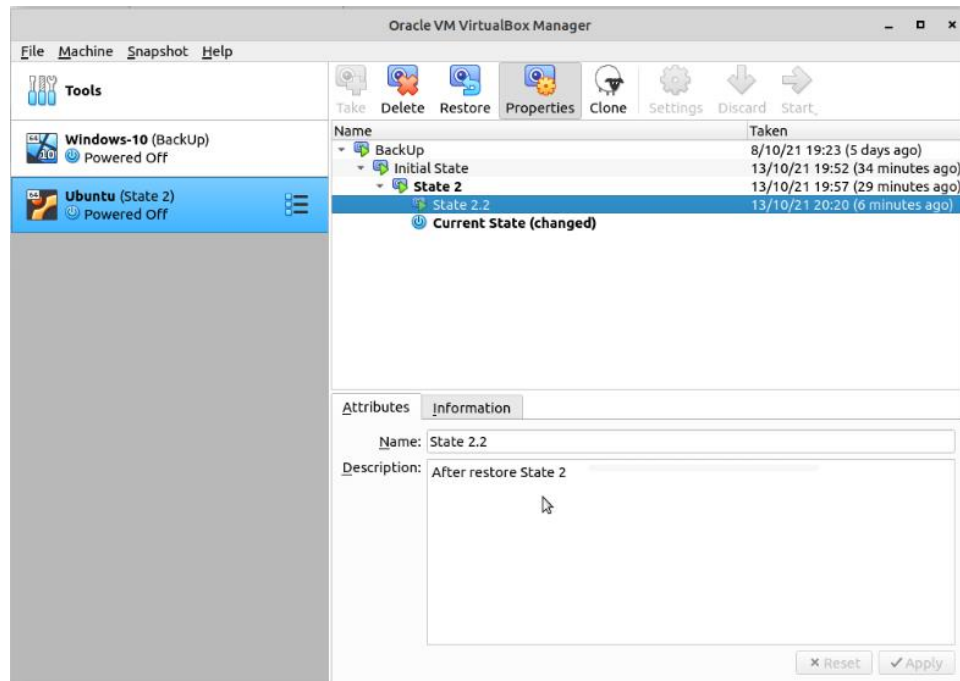Now we just need to **delete State 2.1** by click on the **Delete** icon on the top menu.
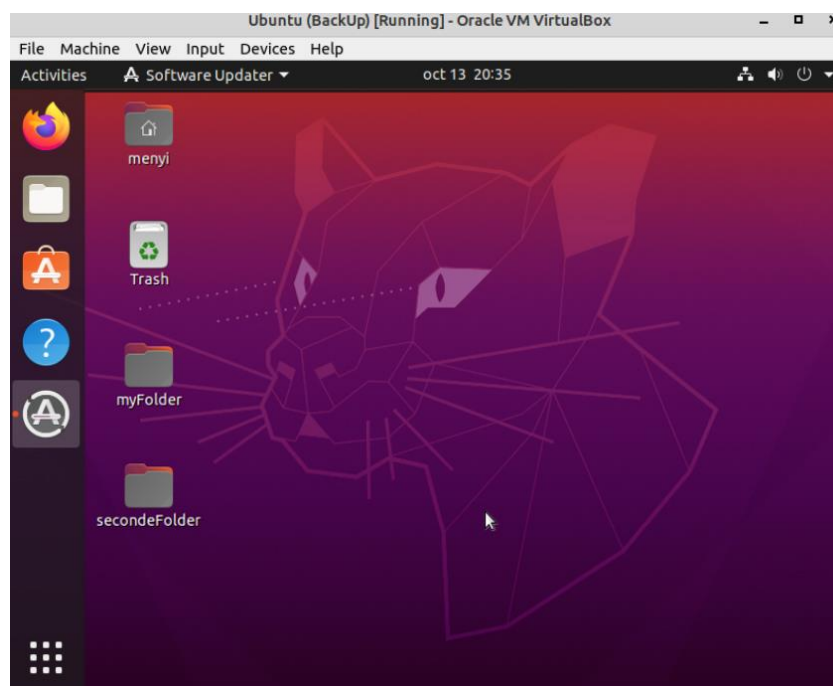
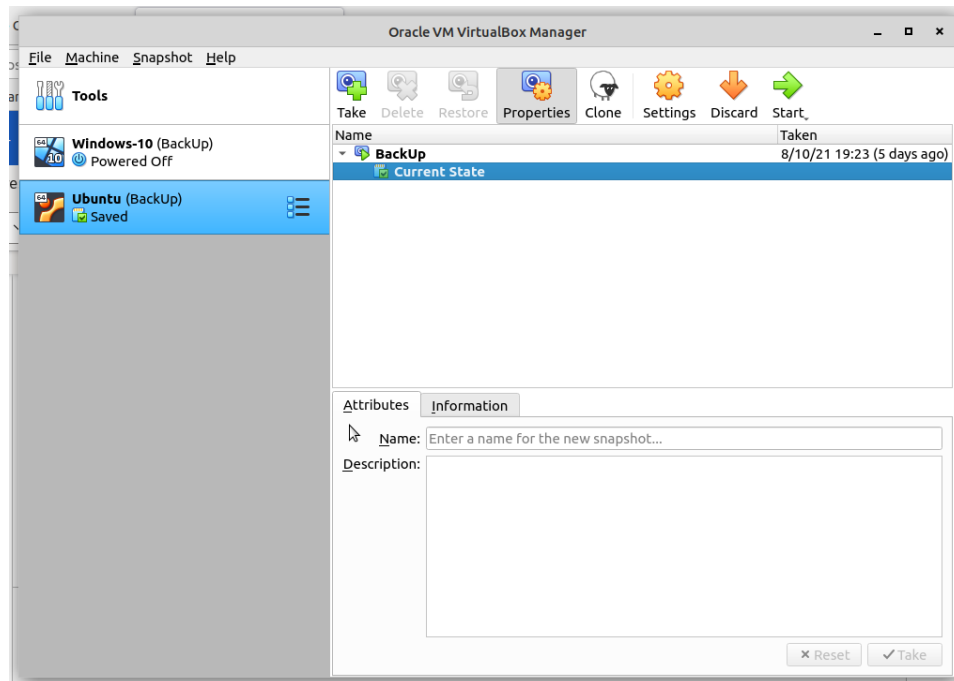To see what happens after these operations we start the VM.

We see that the icons are still on the menu and the folders created after taking the snapshot are gone.
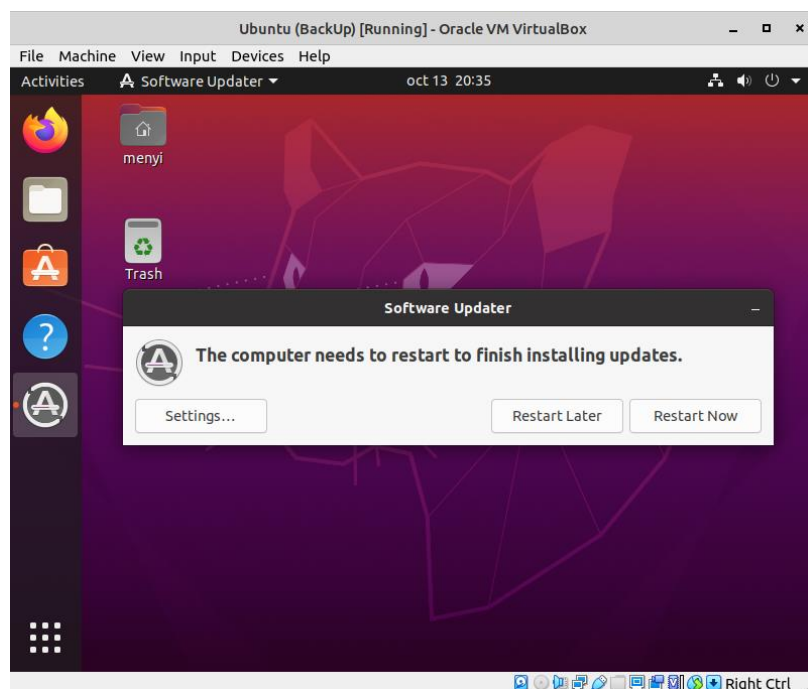
Back to Virtual Box we **restore State 2.2**

We can see that the same folders are still there but the calculator icon on the Favourite menu is gone, so that the VB **has merged** the two states because there were on the **same branch**.

To end the exercise we delete all of the snapshots created and restore BackUp State

Just like nothing happened!!