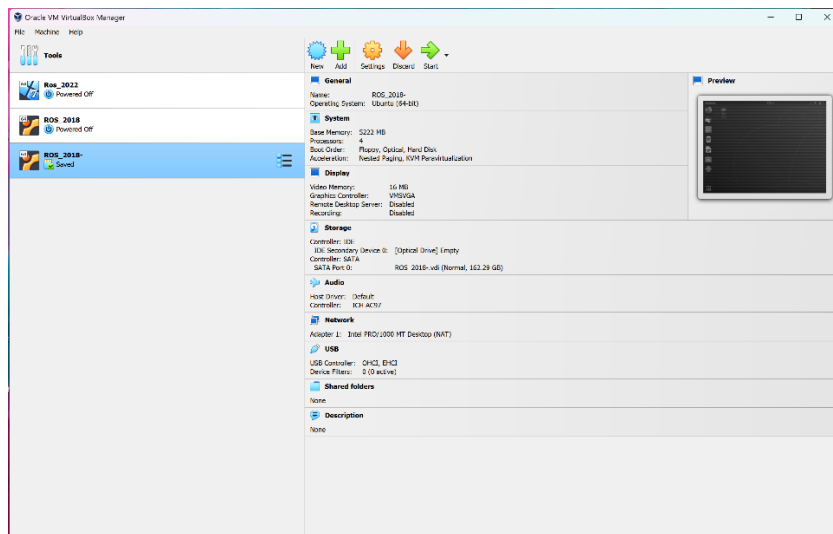


# Installation steps of ROS

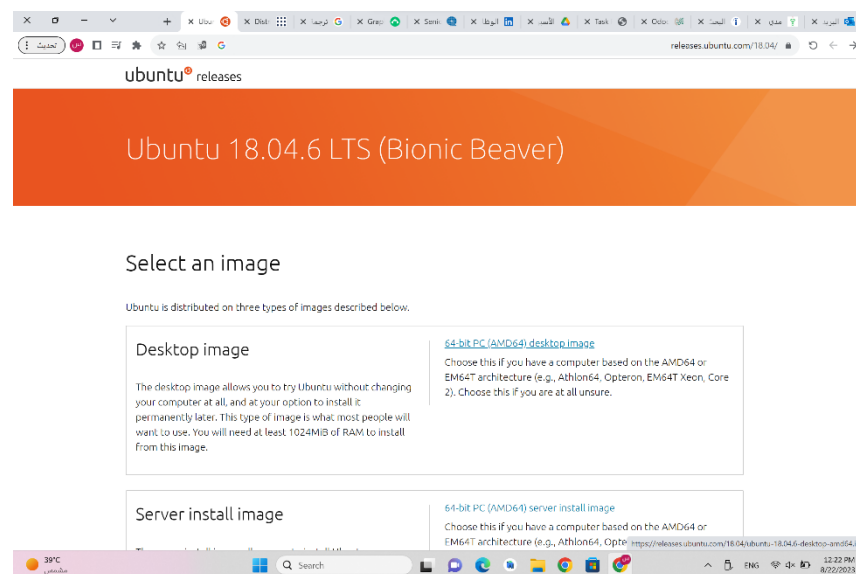
## 1/Downloading and Installing Oracle VM VirtualBox



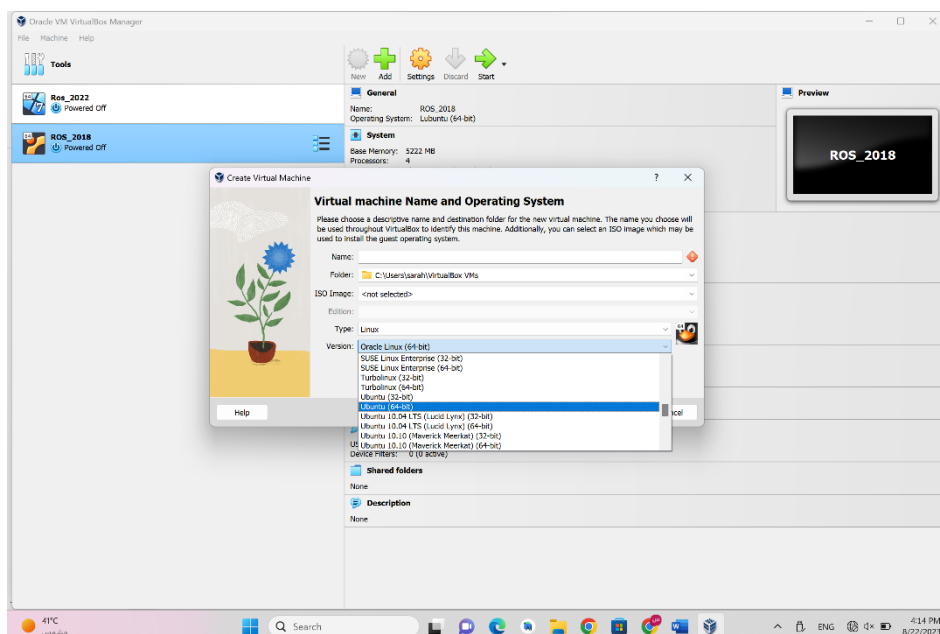
## 2/Downloading and Installing Ubuntu 18

Specifications my computer are:

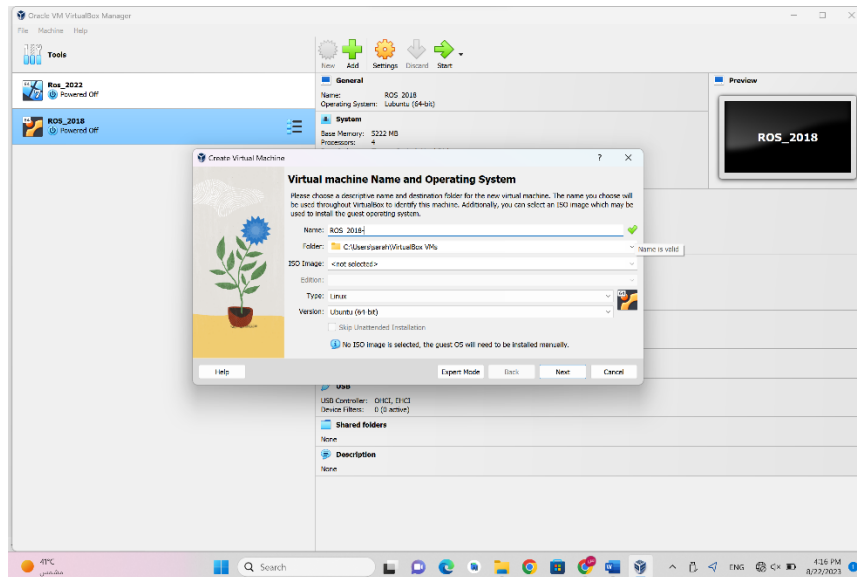
- Windows 11- 64 bit
- Intel Core i5
- RAM capacity 8 GB



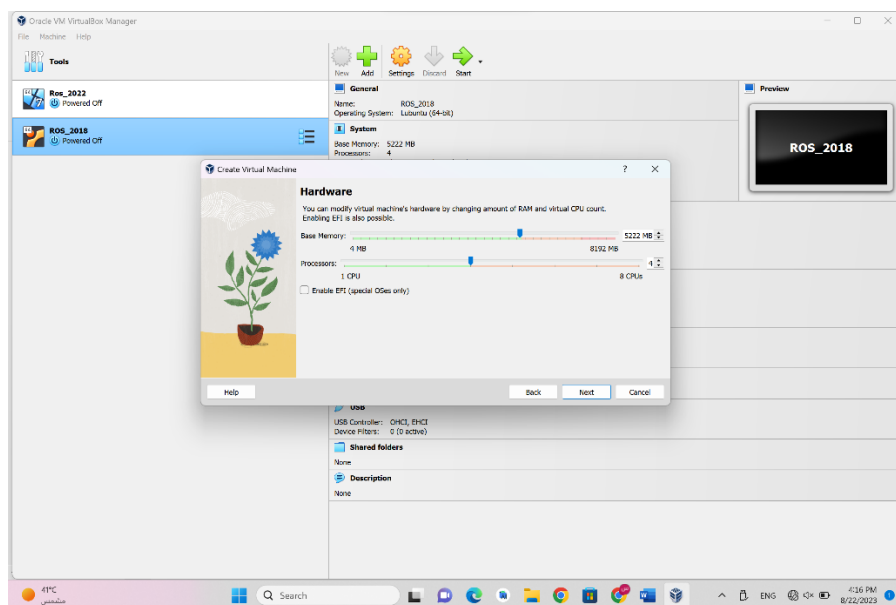
I chose Ubuntu 64 bit

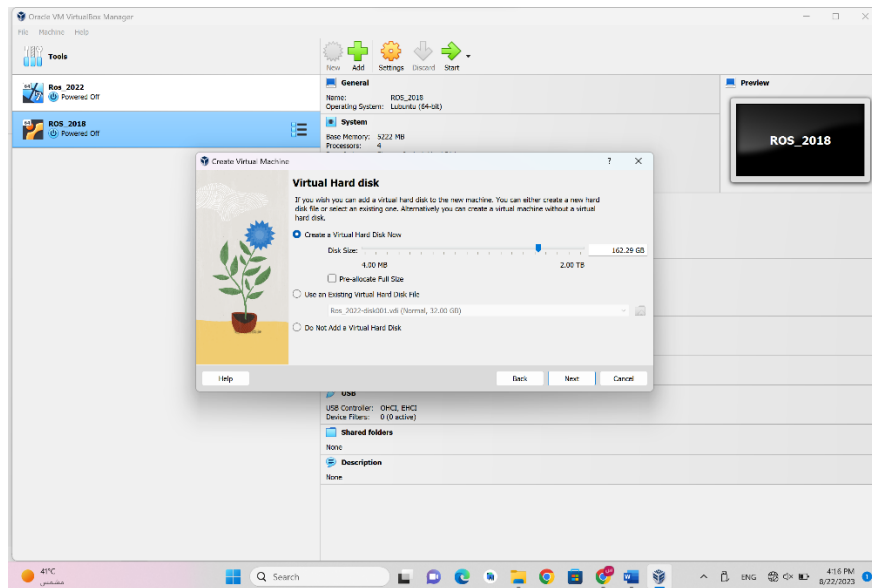


Writing name of the virtual machine

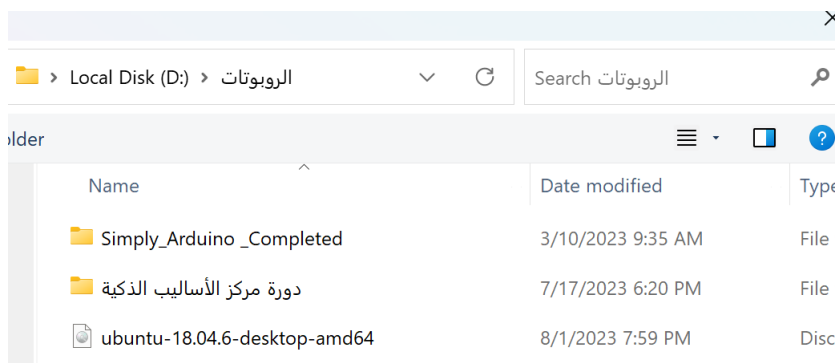


I increased the setting of virtual machine to the maximum extent possible

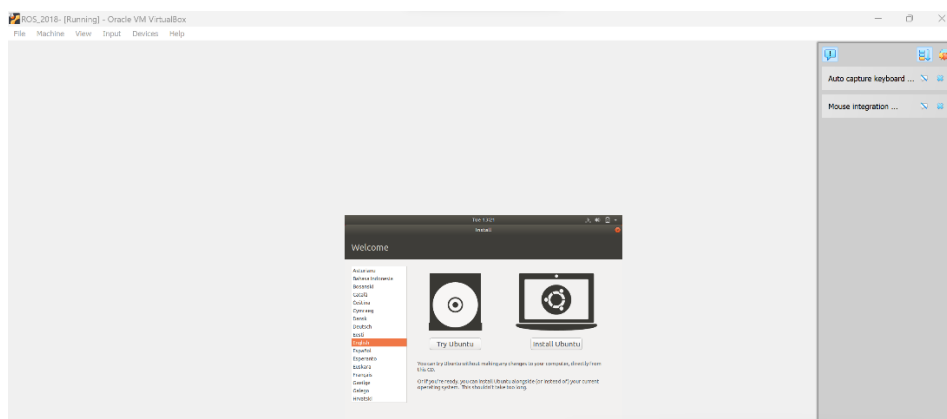


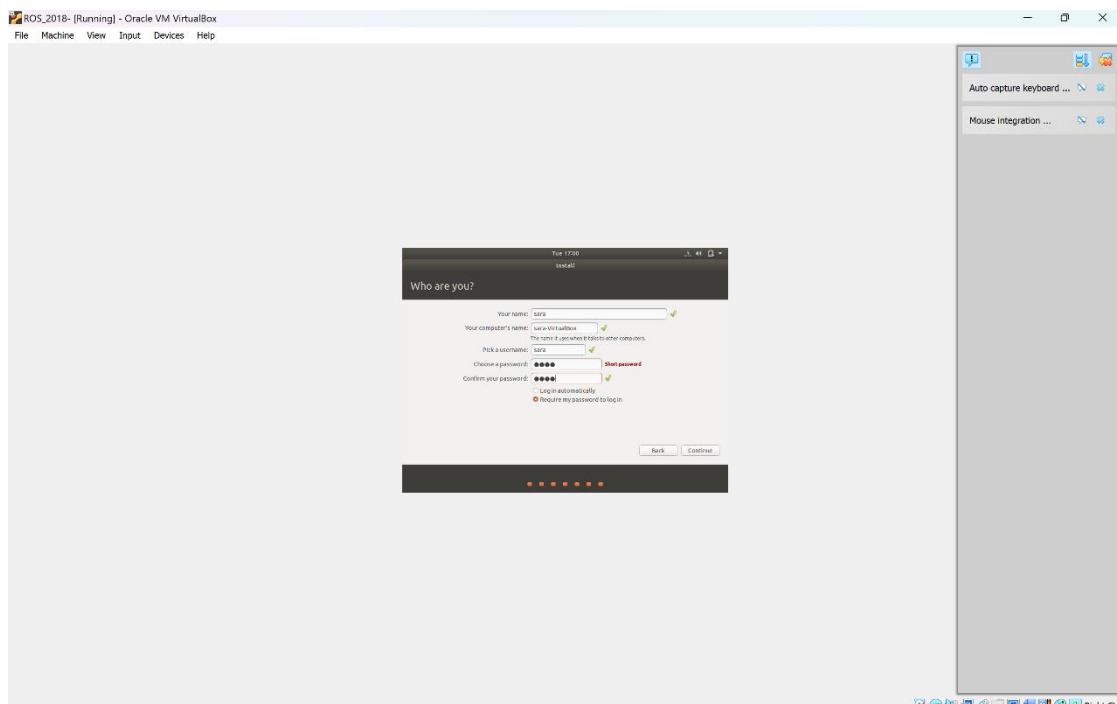
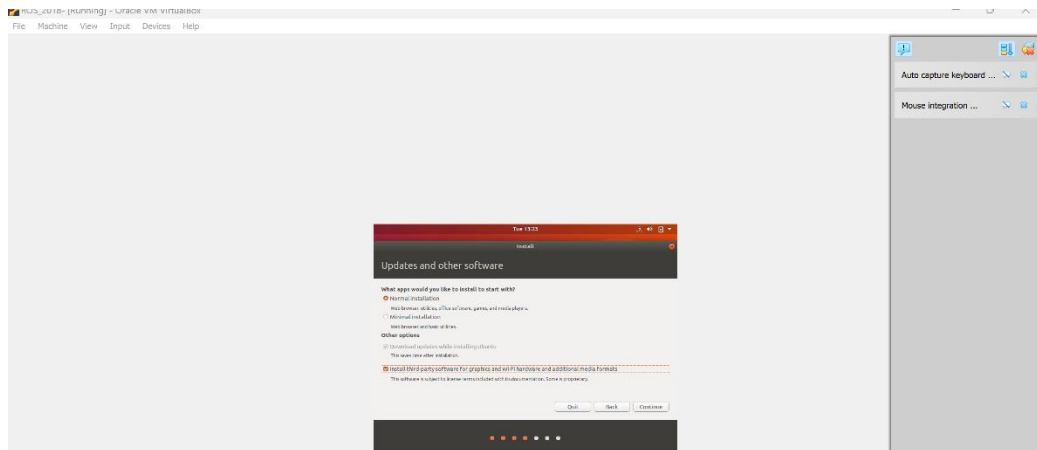


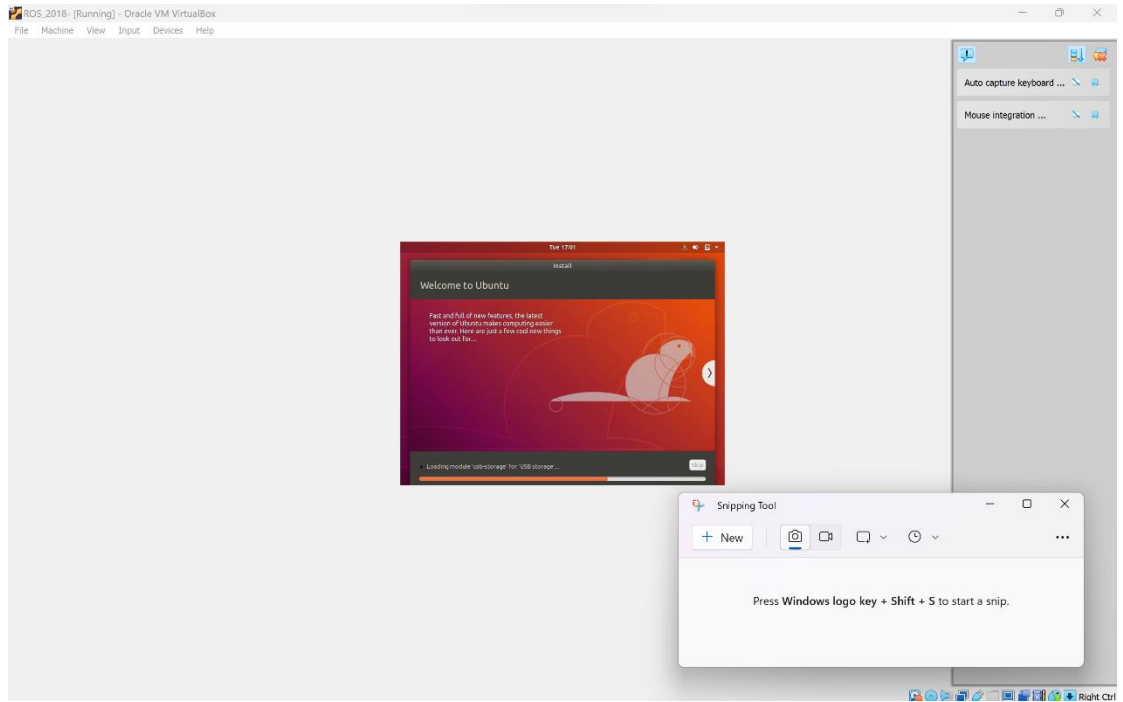
Pressing on Add button, then choosing ubuntu 18 file

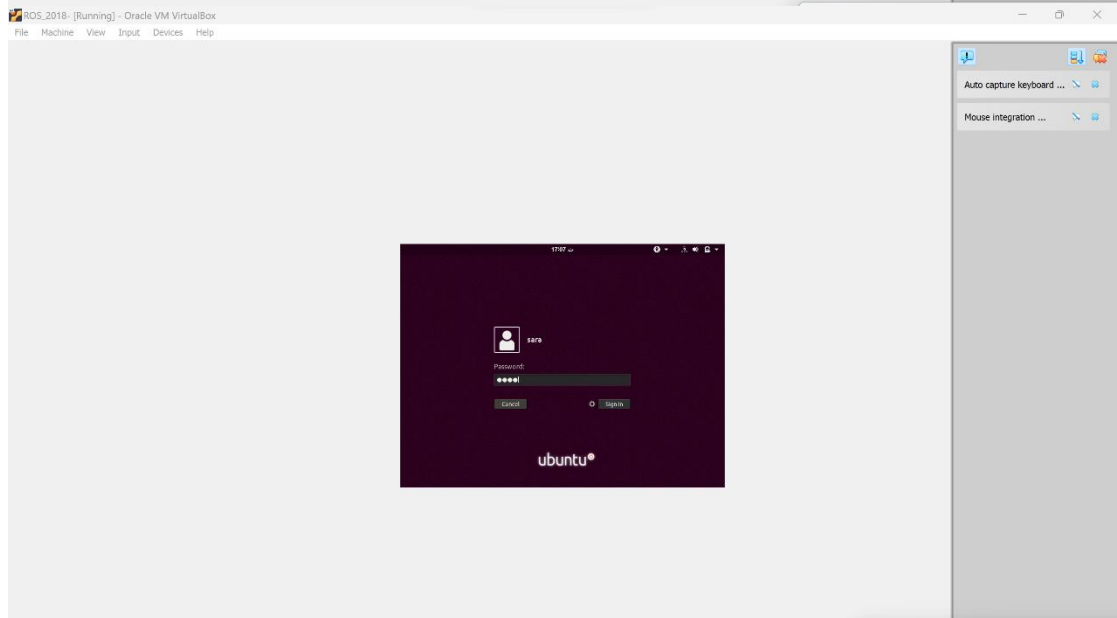
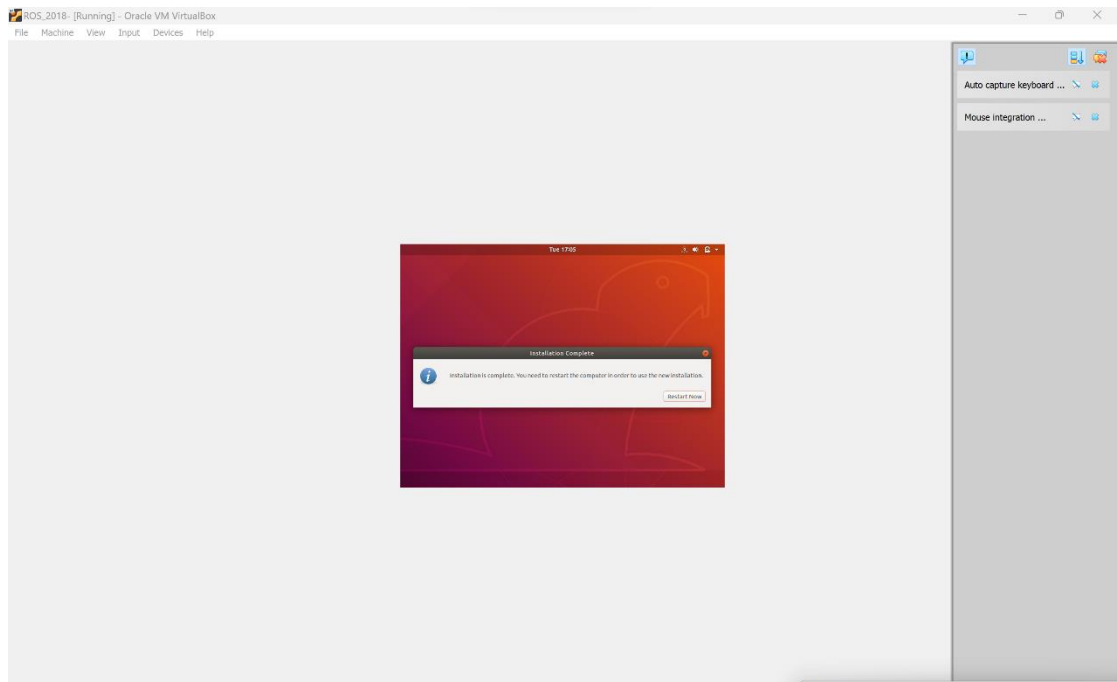


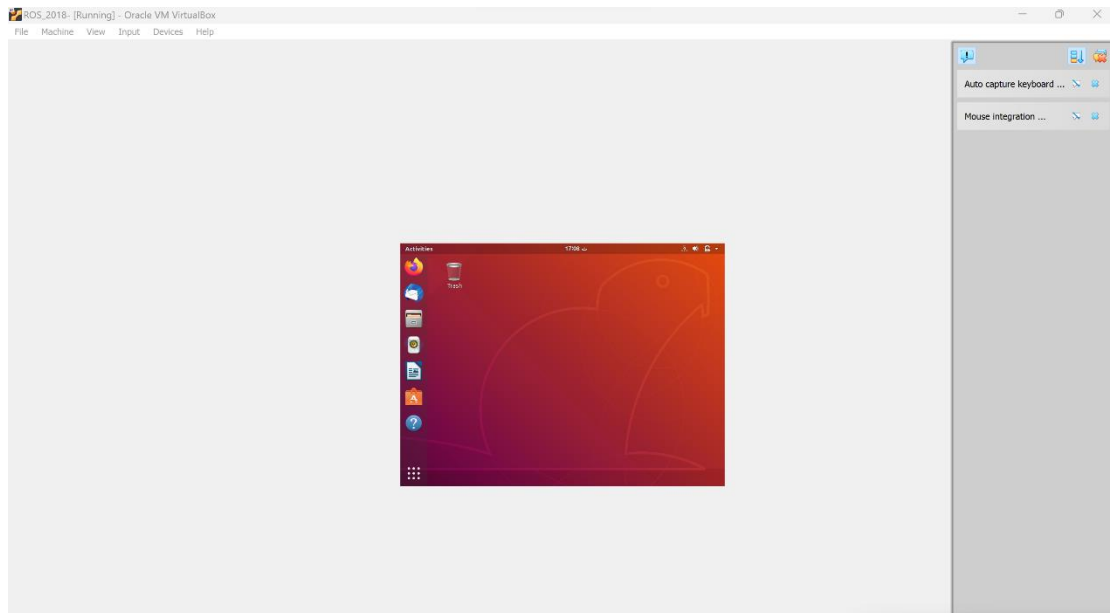
I followed the installation process





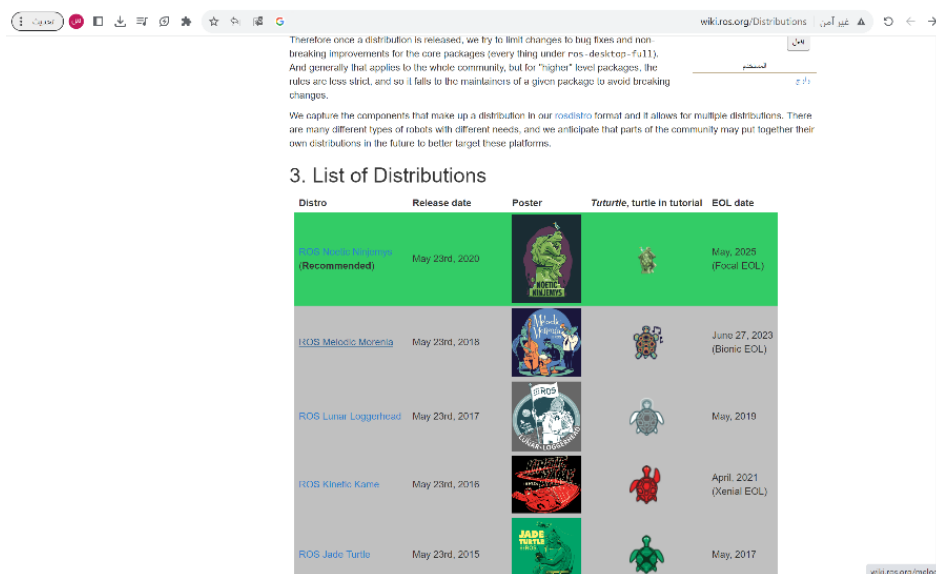






### 3/ Installation ROS

I installed melodic version that correspond ubuntu 18



I opened terminal and wrote installation instructions



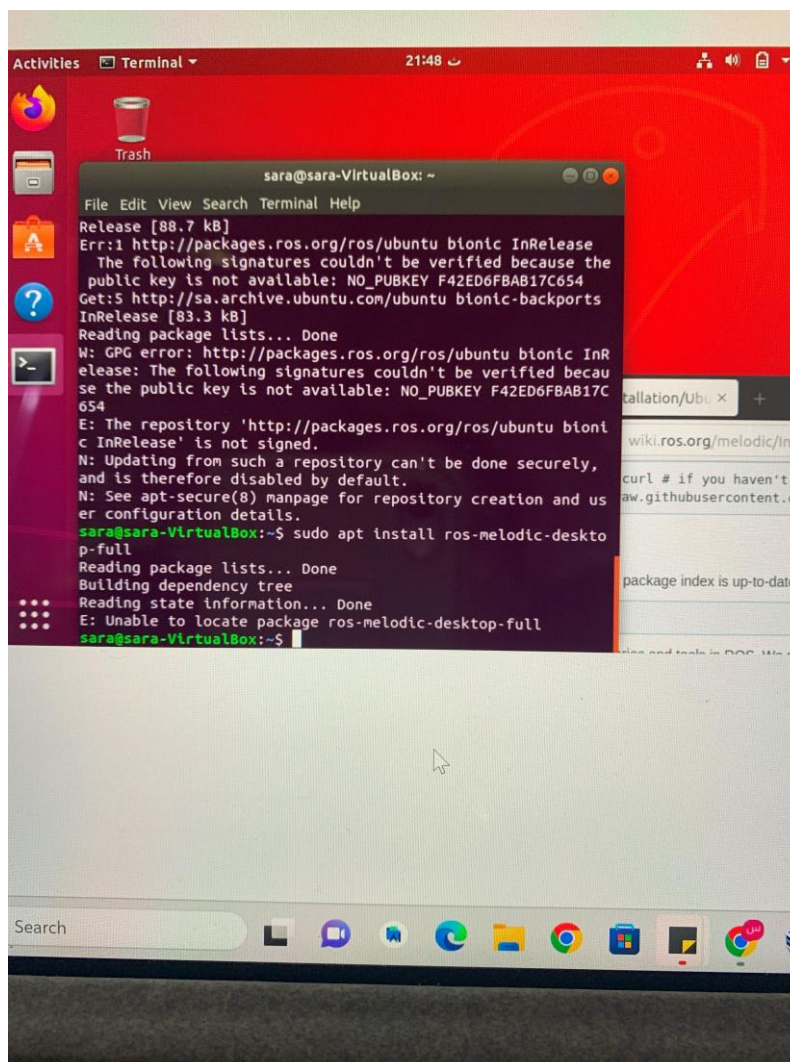
- `sudo sh -c 'echo "deb http://packages.ros.org/ros/ubuntu $(lsb_release -sc) main" > /etc/apt/sources.list.d/ros-latest.list'`

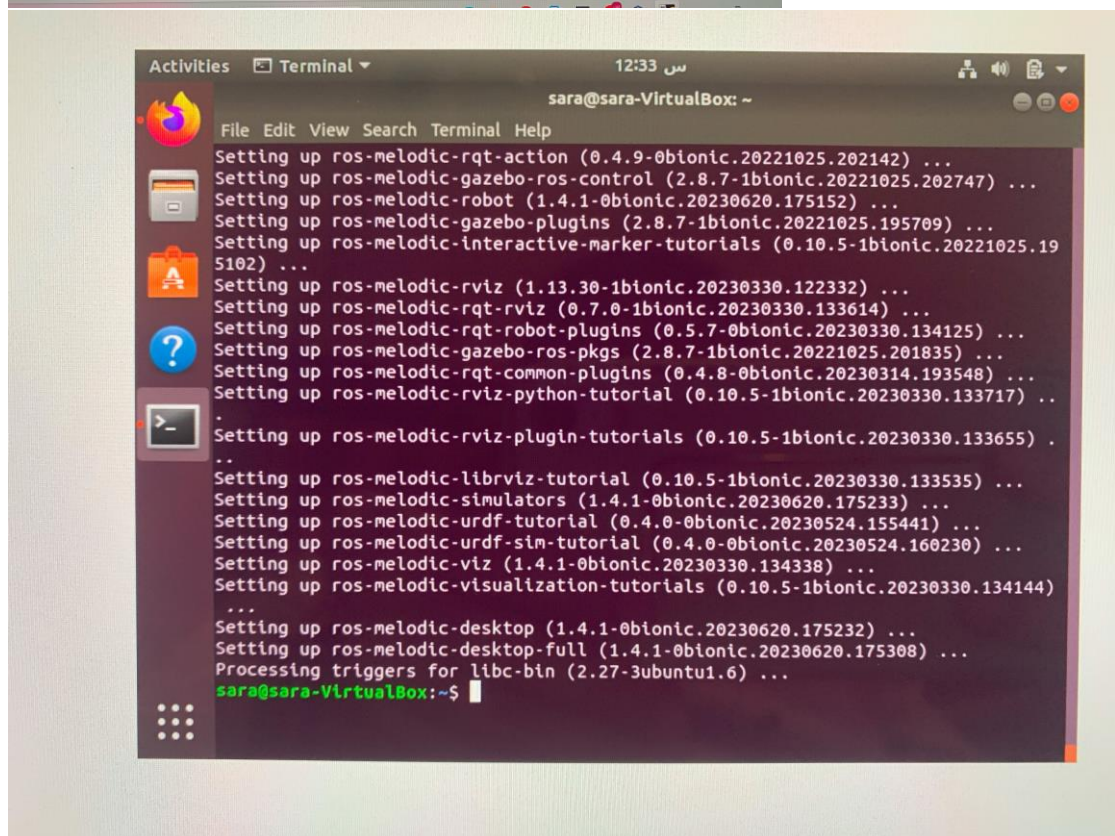
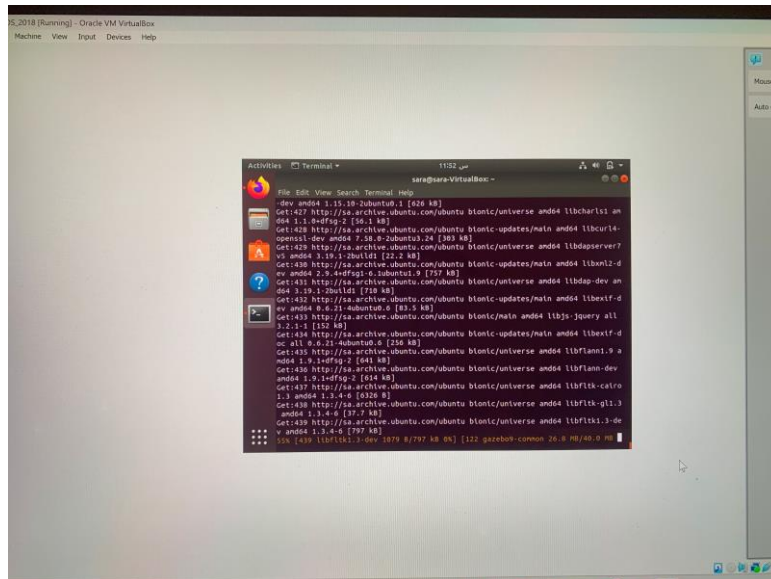
- `sudo apt install curl`

- `curl -s https://raw.githubusercontent.com/ros/rosdistro/master/ros.asc | sudo apt-key add -`

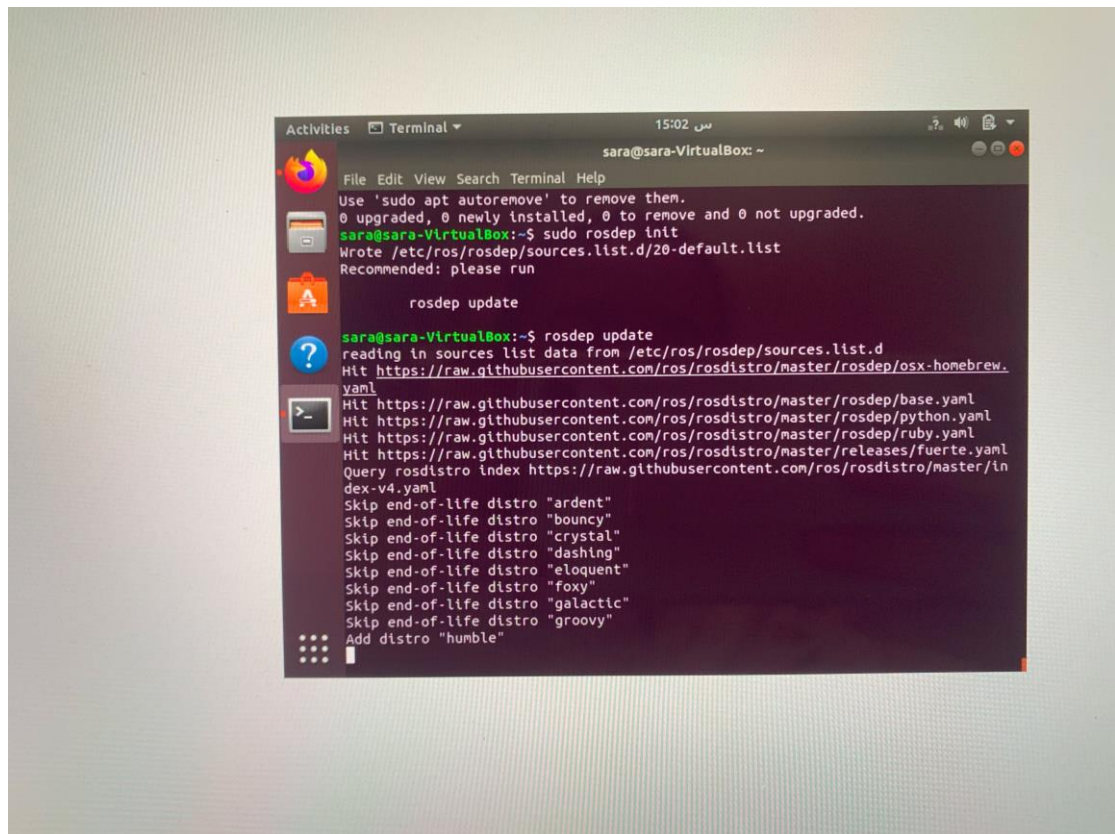
- `sudo apt update`

- `sudo apt install ros-melodic-desktop-full`









To make sure the installation is successful, I wrote ( roscore) instruction

