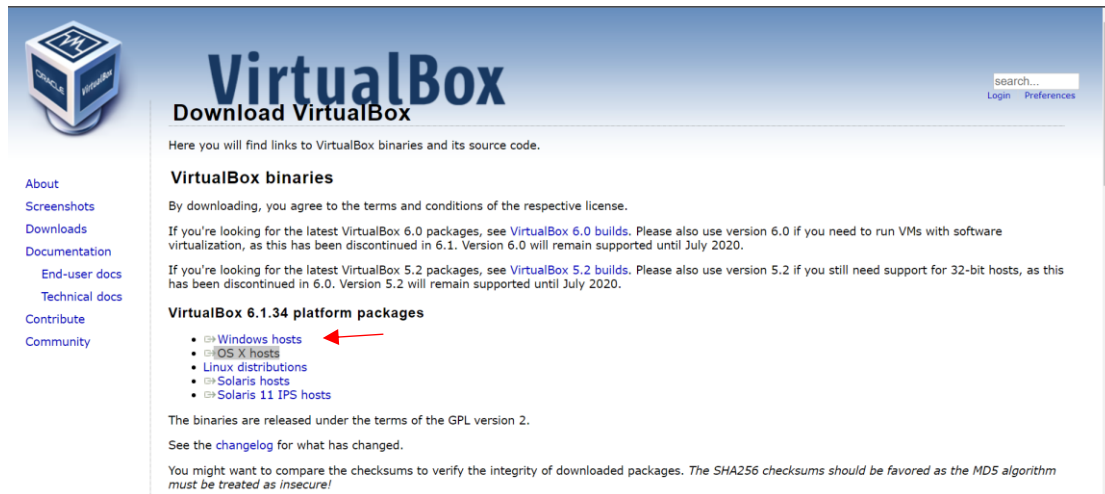
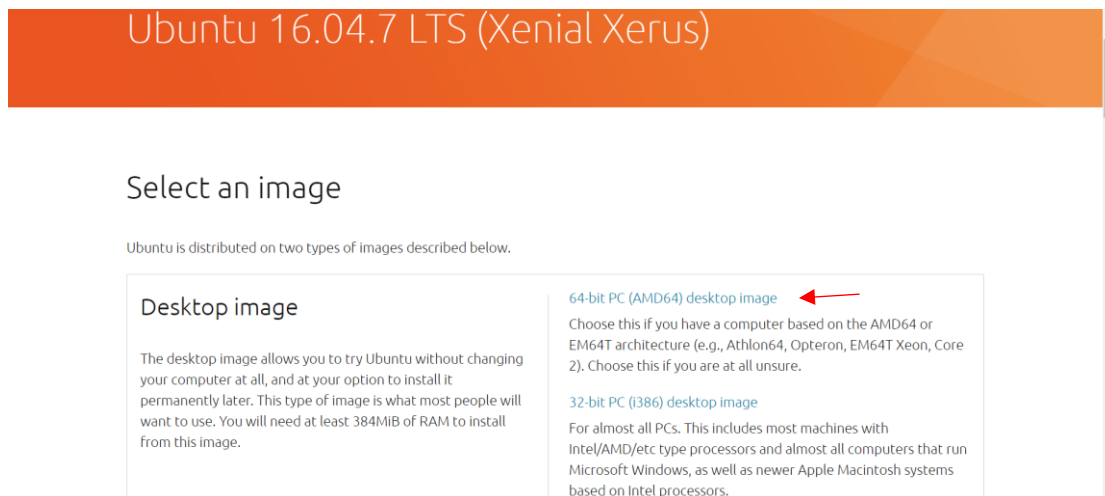


Steps to download and install ROS OS:

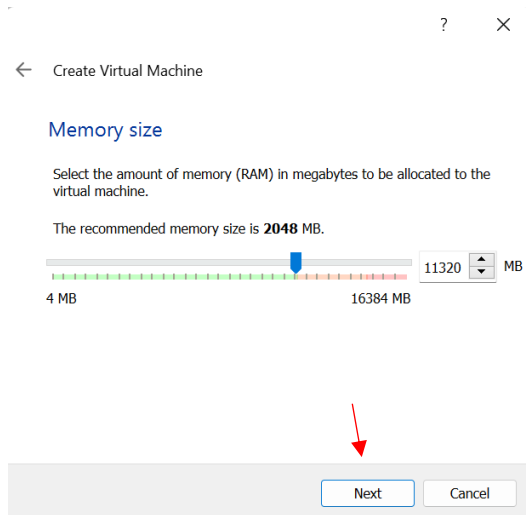
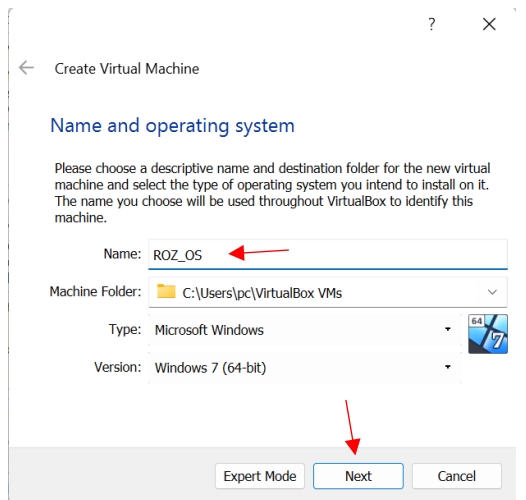
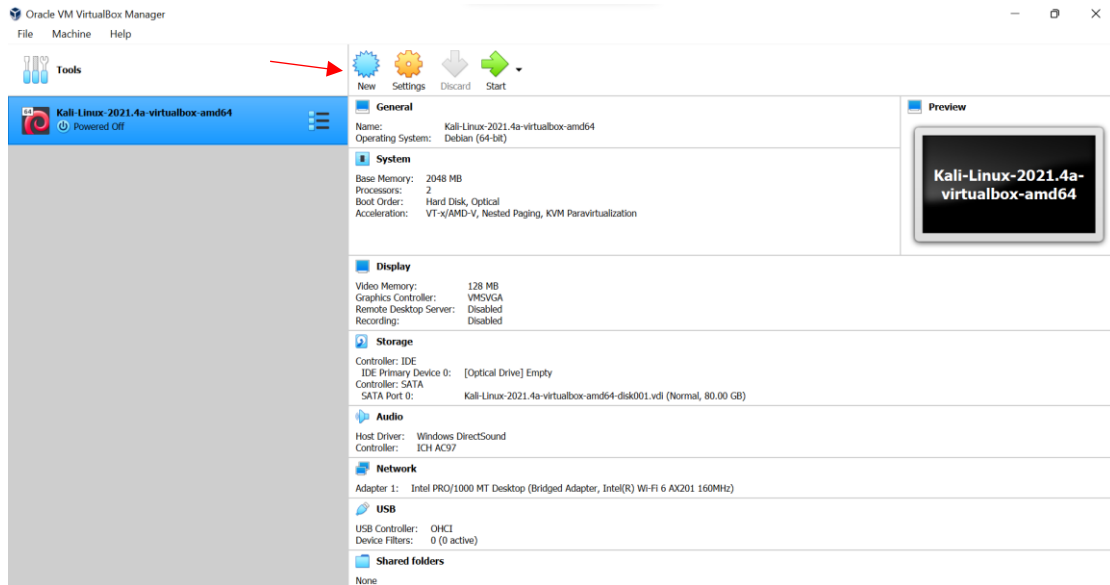
- 1- Download the virtual Box program through the link >
<https://www.virtualbox.org/wiki/Downloads>

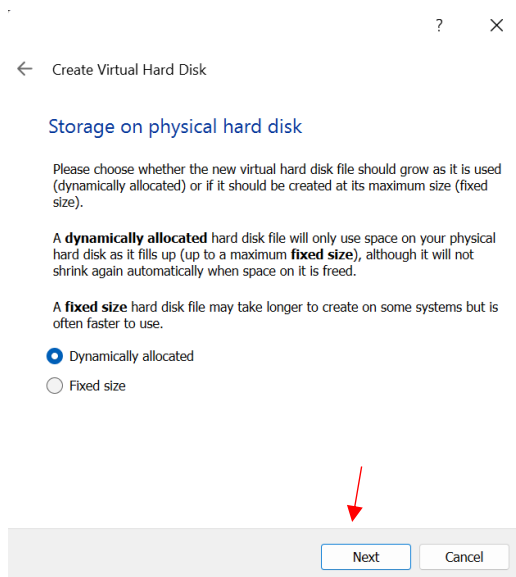
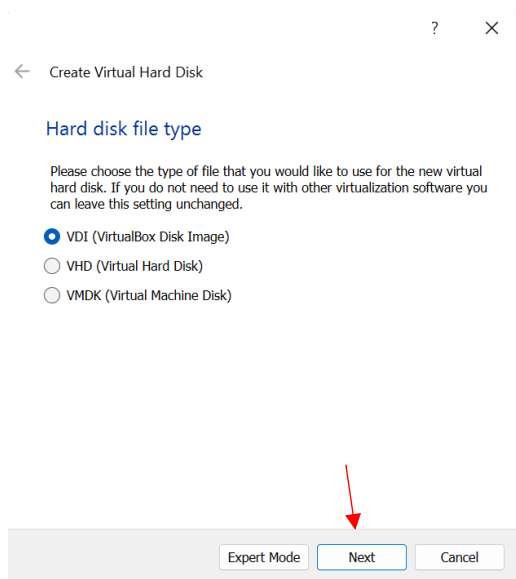
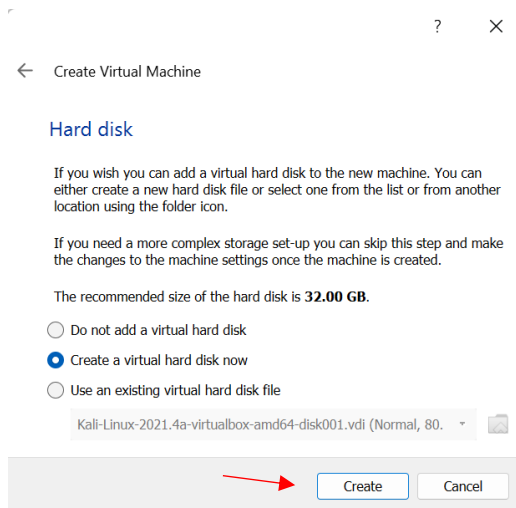


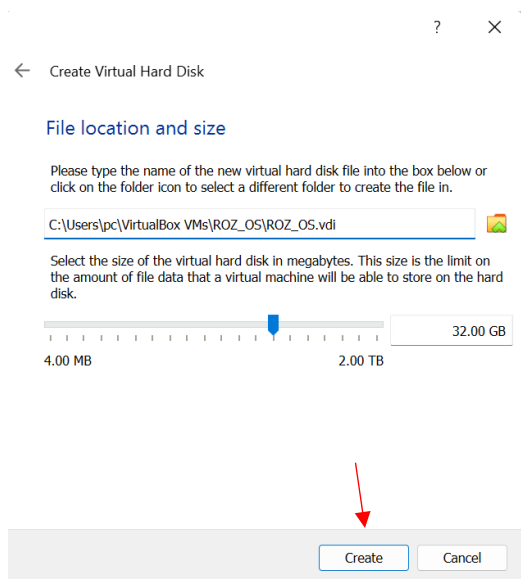
- 2- Download the Ubuntu operating system by entering this link
<https://releases.ubuntu.com/16.04/>



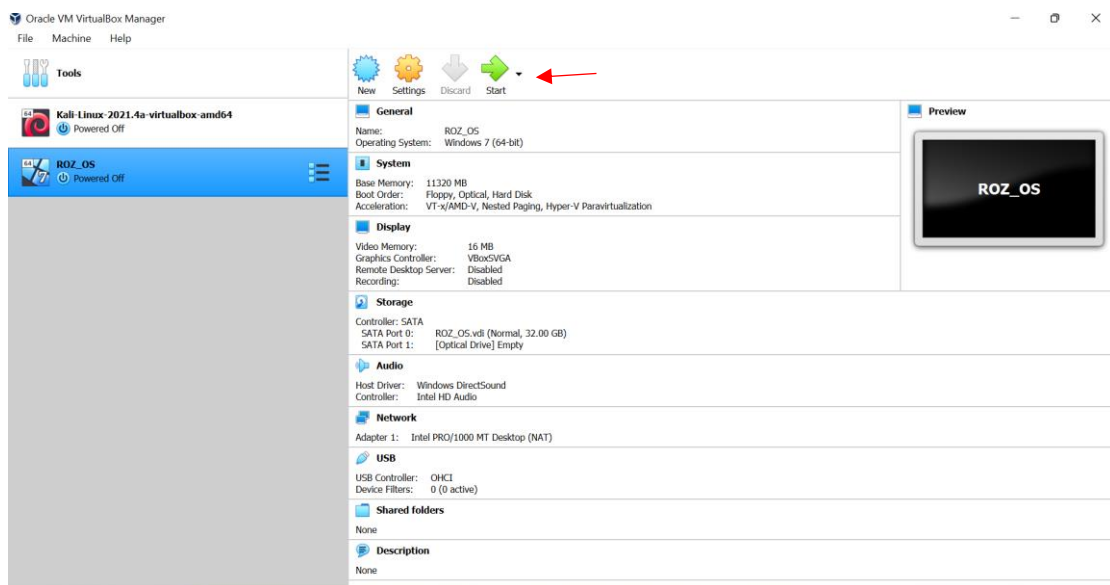
- 3- We open the Virtual Box program, choose **New**, go to the *name* field, then choose a name for the virtual machine, then **Next**, then choose the space (preferably to raise it as much as possible) and then **Next** until you reach create and you will get a new device

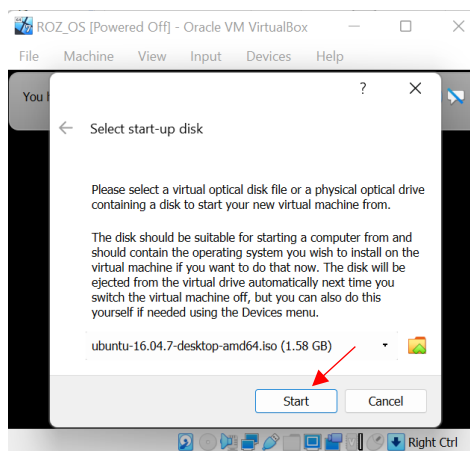
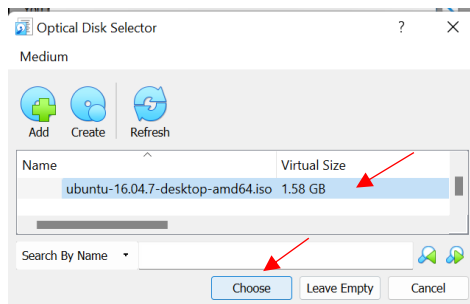
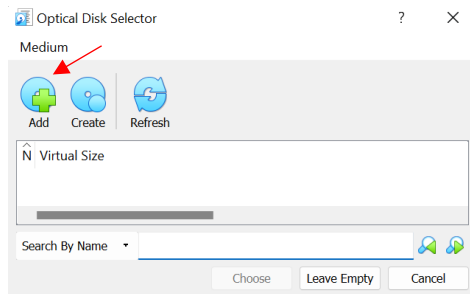
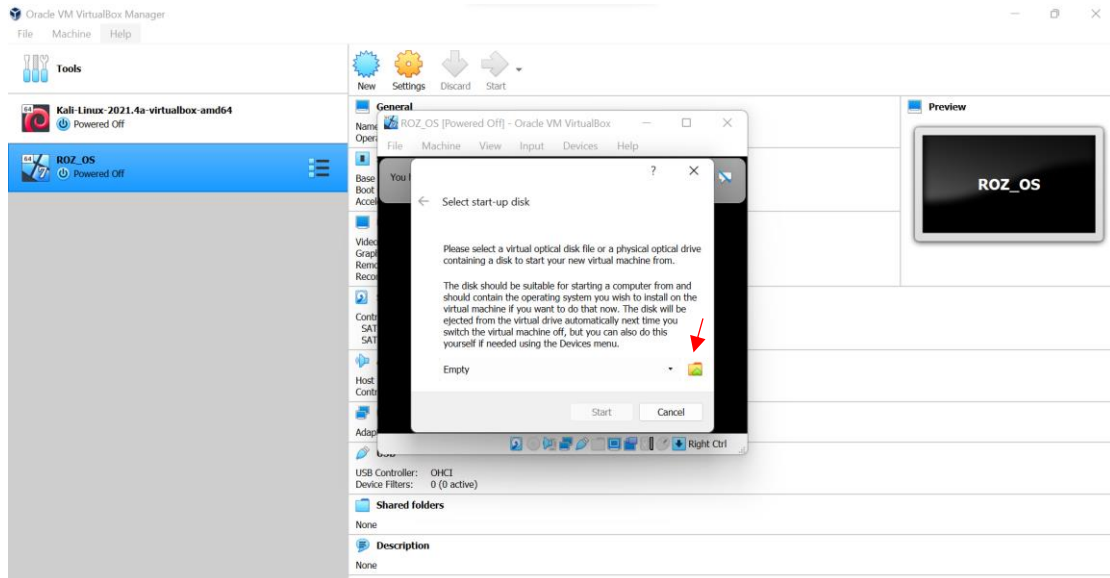




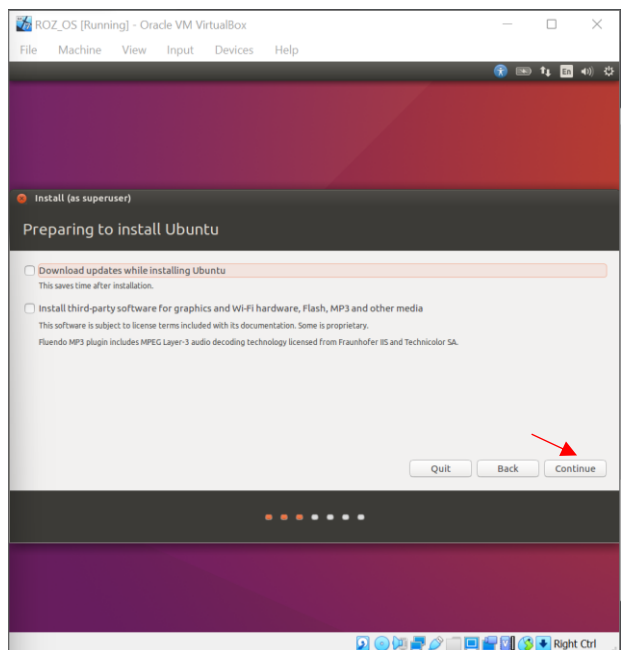
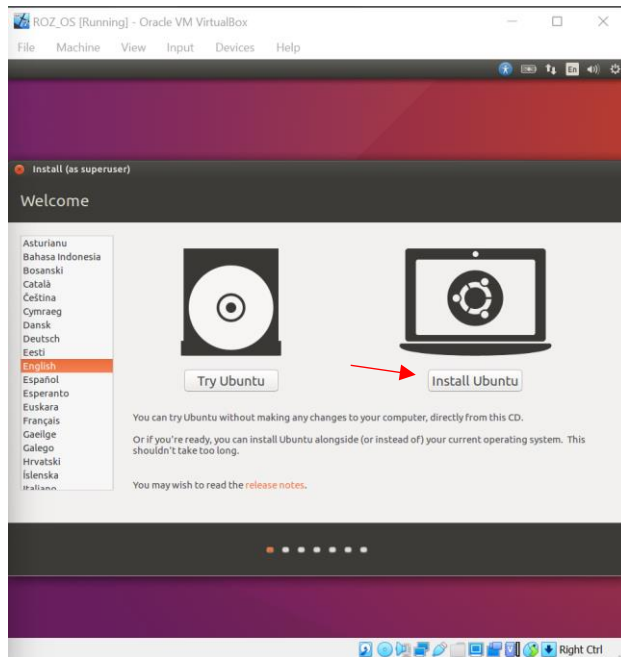


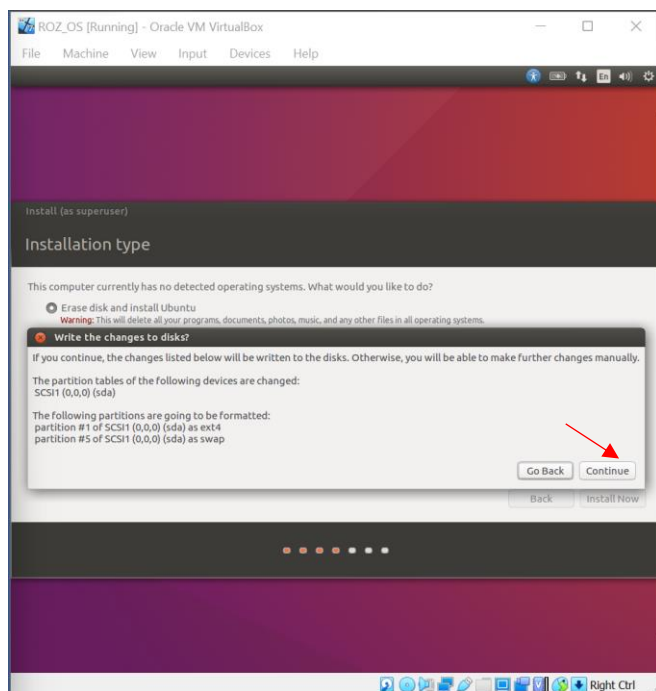
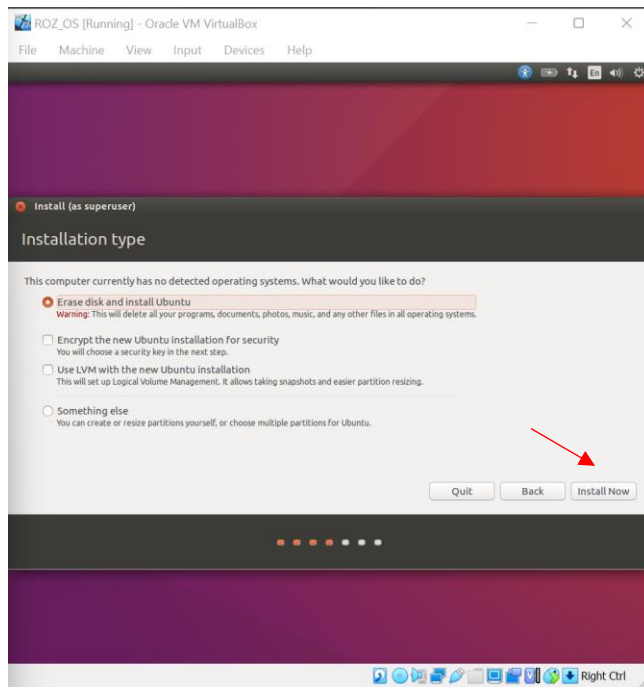
- 4- After that, press the Start button to start the device, then a window will open, choose the Ubuntu file that we downloaded

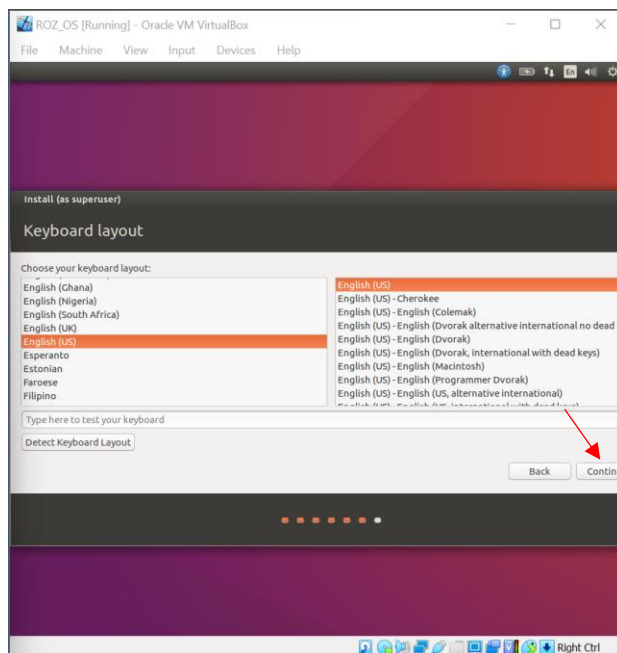
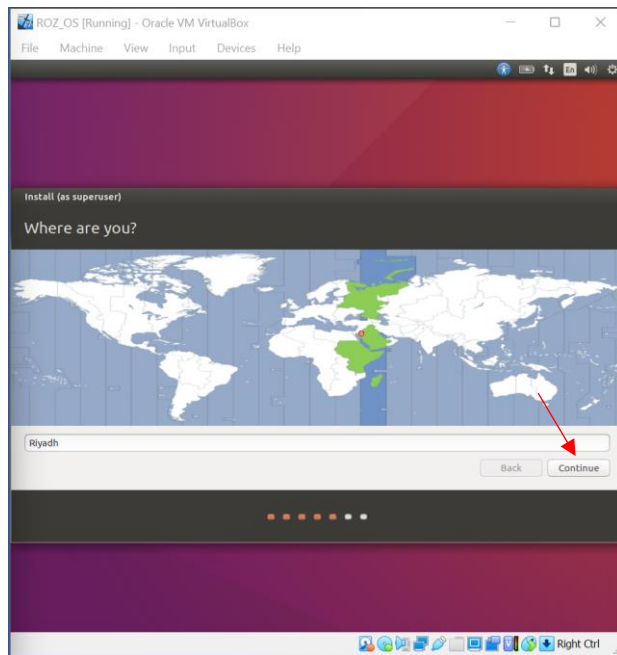


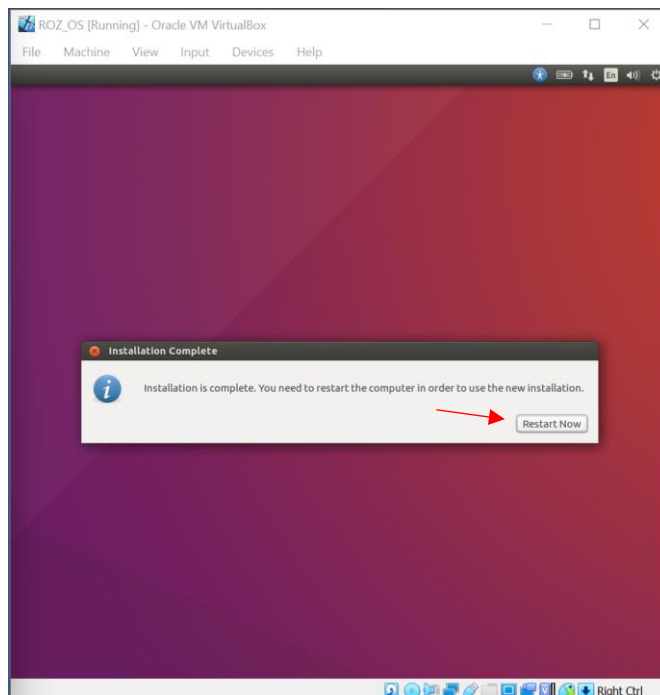
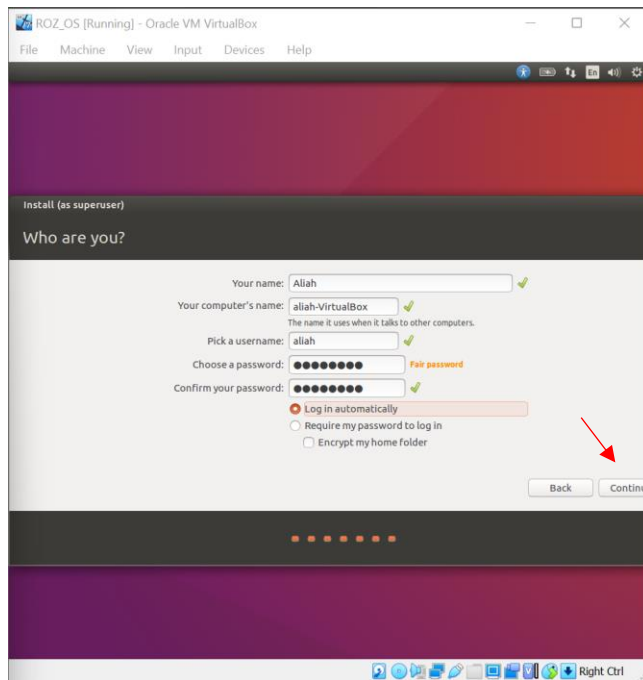


5- To install ubuntu follow the instructions below

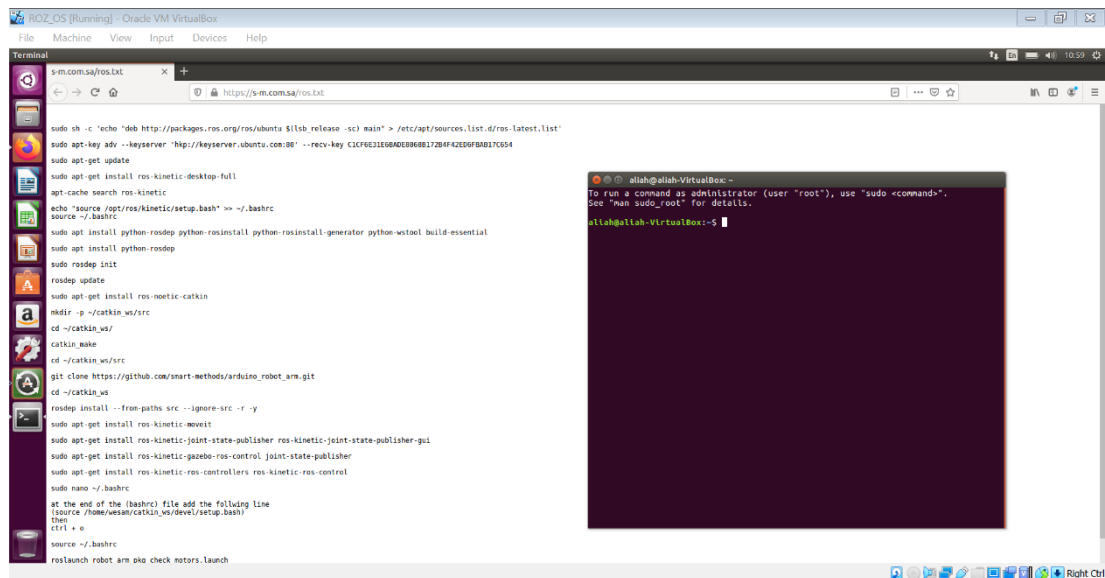




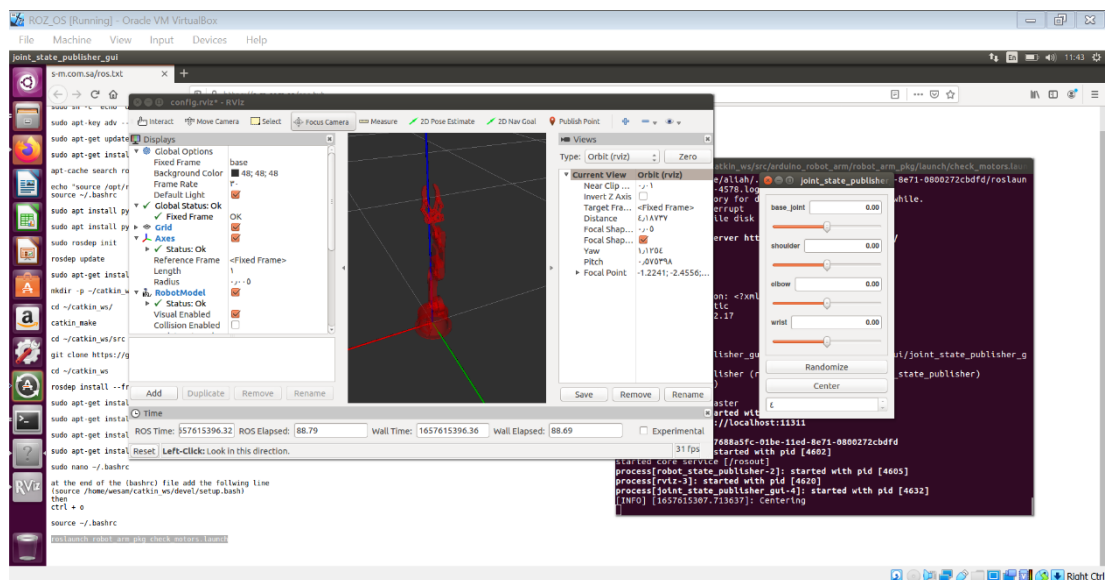




- 6- To install ROS we need a set of commands that you can get by entering the link <https://s-m.com.sa/ros.txt> . Open the terminal and copy and paste the commands from the file to the terminal



After typing all the commands, the ROZ system will be ready for use



Reference:

<https://www.youtube.com/watch?v=fr6TXEd2rXI&t=304s>