

## The first task is to install the ROS system and operate the robot arm:

- 1-First I installed VirtualBox on my computer.
- 2-then I installed Ubuntu.
- 3- After running Ubuntu, I opened the Terminal then started typing some commands on. [\[https://s-m.com.sa/ros.txt\]](https://s-m.com.sa/ros.txt) to install ROS on Ubuntu.
- 4- After I type all the commands on the Terminal, it opens Rviz.
- 5- Finally, the program will appear as follows:

