Make sure all these commands are installed :

mkdir -p ~/catkin_ws/src

cd ~/catkin_ws/

catkin_make

cd ~/catkin_ws/src

install source code

git clone https://github.com/smart-methods/arduino_robot_arm.git

We complete the rest of the installation commands ..

cd ~/catkin_ws

rosdep install --from-paths src --ignore-src -r -y

For melodic

sudo apt-get install ros-melodic-moveit

sudo apt-get install ros-melodic-joint-state-publisher ros-melodic-joint-state-publisher-gui

sudo apt-get install ros-melodic-gazebo-ros-control joint-state-publisher

sudo apt-get install ros-melodic-ros-controllers ros-melodic-ros-control

sudo nano ~/.bashrc

at the end of the (bashrc) file add the following line
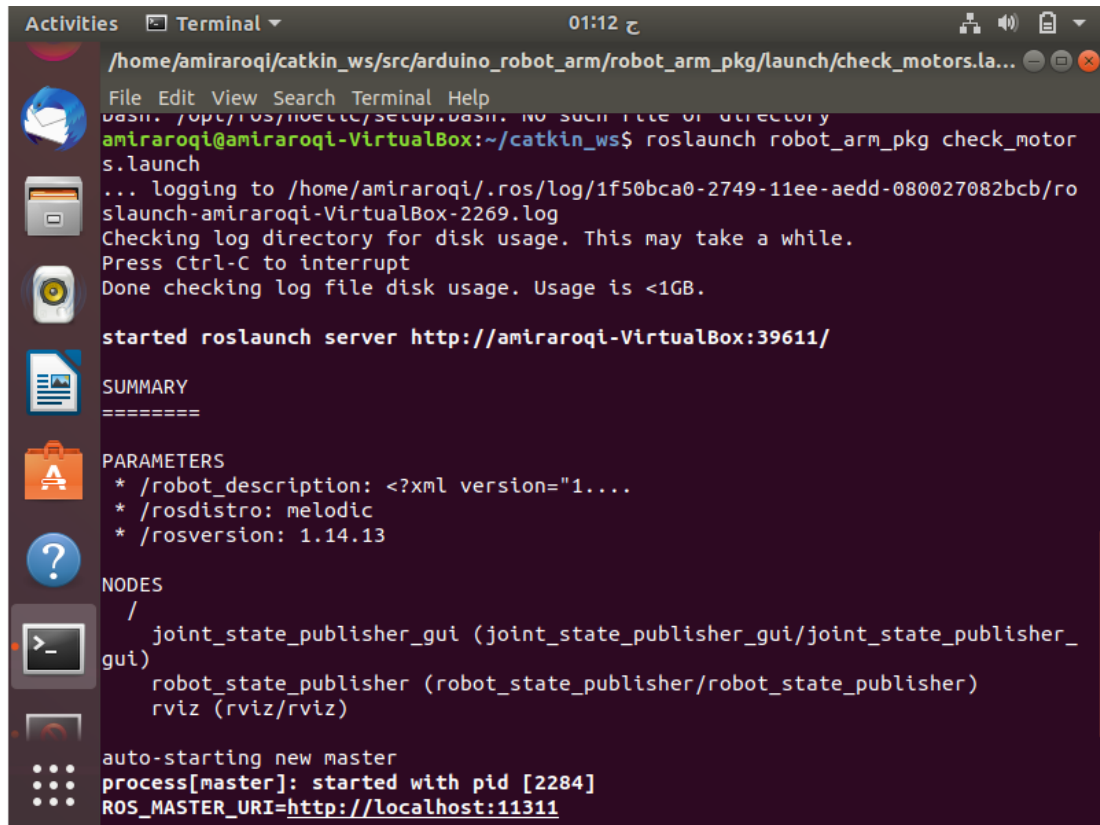
source /home/nuha/catkin_ws/devel/setup.bash

Then (ctrl+o)then enter then (ctrl+x)

source ~/.bashrc

open the robot arm using the command :

roslaunch robot_arm_pkg check_motors.launch

testing