تثبيت وتشغيل باكج الذراع على نظام   ROS

```
1- Install Ros
2- Go to the terminal and write the code
3- rosdep update
4-
5- sudo apt-get install ros-noetic-catkin
6-
7- mkdir -p ~/catkin_ws/src
8-
9- cd ~/catkin_ws/
10-
11-  catkin_make
12-
13-  cd ~/catkin_ws/src
14-
15-  git clone https://github.com/smart-
   methods/arduino_robot_arm.git
16-
17-  cd ~/catkin_ws
18-
19-  rosdep install --from-paths src --ignore-src -r -y
20-
21-  sudo apt-get install ros-kinetic-moveit
22-
23-  sudo apt-get install ros-kinetic-joint-state-publisher ros-
   kinetic-joint-state-publisher-gui
24-
25-  sudo apt-get install ros-kinetic-gazebo-ros-control joint-
   state-publisher
26-
27-  sudo apt-get install ros-kinetic-ros-controllers ros-kinetic-
   ros-control
28-
29-  sudo nano ~/.bashrc
30-
31-  at the end of the (bashrc) file add the follwing line
32-  (source /home/اسم النظام/catkin_ws/devel/setup.bash)
33-  then
34-  ctrl + o
35-
36-  source ~/.bashrc
37-
38-  roslaunch robot_arm_pkg check_motors.launch
```