Al-Task3-arm

after installing ROS successfully next is installing the arm package. Following the instruction in this link.

Starting from this step "mkdir -p ~/catkin_ws/src" https://s-m.com.sa/ros.txt and changing the version form kinetic to noetic

also changing this step (source /home/wesam/catkin_ws/devel/setup.bash)

To

(source /home/walaa/catkin_ws/devel/setup.bash)

```
The steps; mkdir -p ~/catkin_ws/src
cd ~/catkin_ws/
catkin_make
cd ~/catkin_ws/src
git clone https://github.com/smart-methods/arduino_robot_arm.git
cd ~/catkin_ws
rosdep install --from-paths src --ignore-src -r -y
sudo apt-get install ros-noetic-moveit
sudo apt-get install ros-noetic-joint-state-publisher ros-noetic-joint-state-
publisher-qui
sudo apt-get install ros-noetic-gazebo-ros-control joint-state-publisher
sudo apt-get install ros-noetic-ros-controllers ros-noetic-ros-control
sudo nano ~/.bashrc
at the end of the (bashrc) file add the follwing line (source
/home/walaa/catkin_ws/devel/setup.bash) then ctrl + o
source ~/.bashrc
roslaunch robot_arm_pkg check_motors.launch
```



