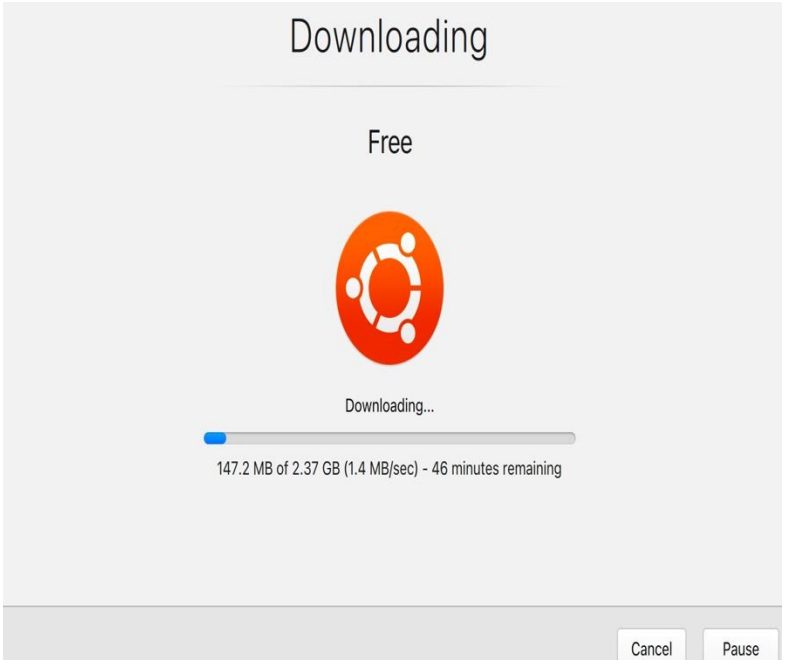
-Task2 Artififcal intelligence (AI):

Step by step :

1. install parallel

2. and install ubuntu 20.04.2 ARM64



3. Commands to download ROS
4. install ROS
5. commands to arm package in ROS

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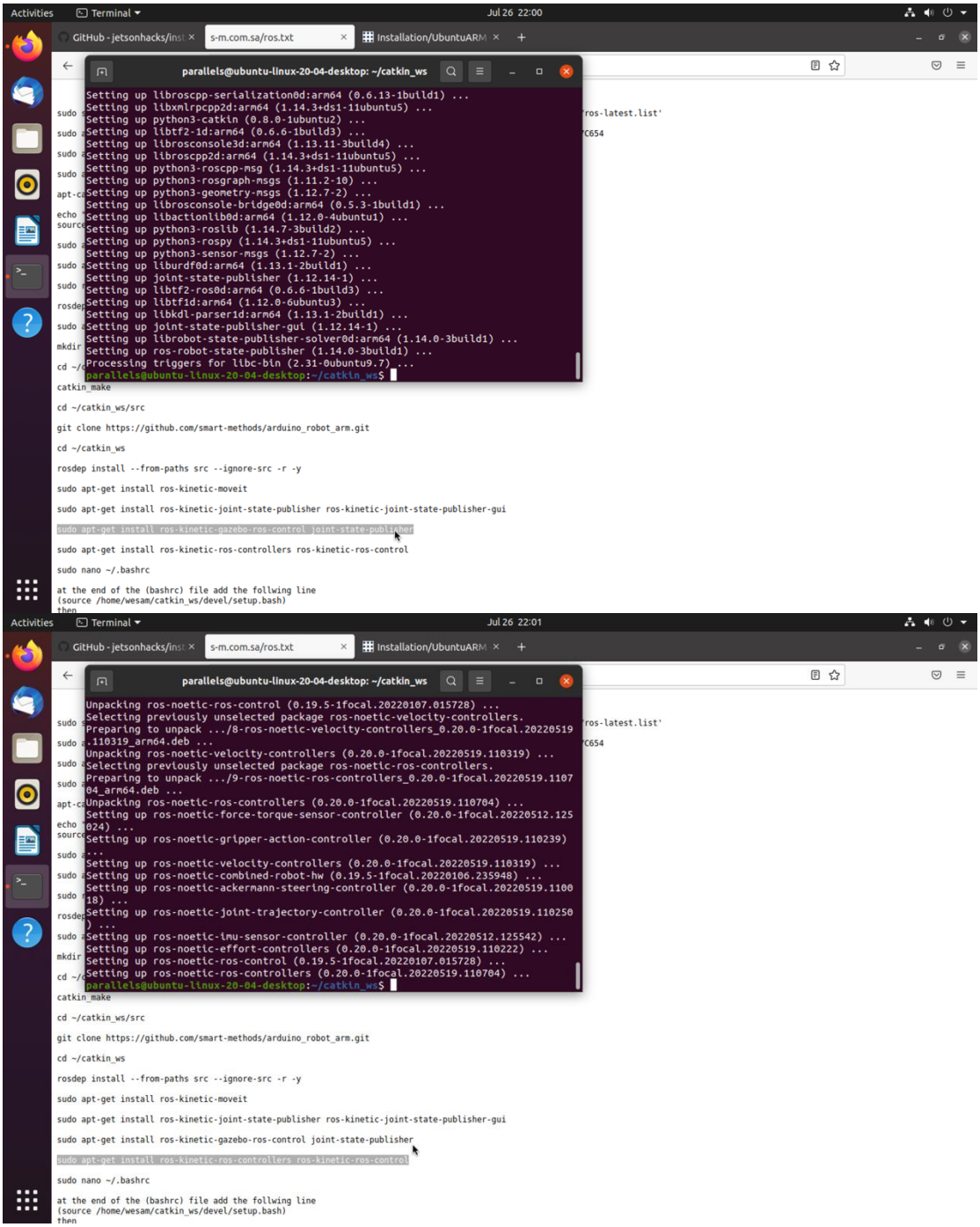
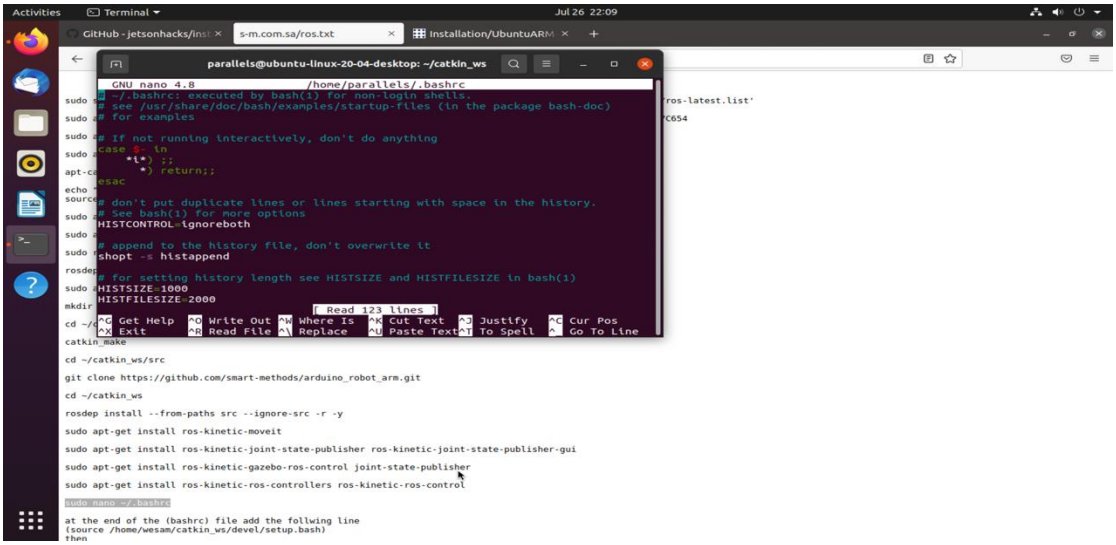


6. install arm package


Activities
Terminal
Jul 26 22:09
GitHub - jetsonhacks/inst
s-m.com.sa/ros.txt
Installation/UbuntuARM
parallels@ubuntu-linux-20-04-desktop: ~/catkin_ws
GNU nano 4.8 /home/parallels/.bashrc
~/.bashrc: executed by bash(1) for non-login shells.
see /usr/share/doc/bash/examples/startup-files (in the package bash-doc)
for examples
If not running interactively, don't do anything
case $- in
i) ;;
*) return;;
esac
# don't put duplicate lines or lines starting with space in the history.
# See bash(1) for more options
HISTCONTROL=ignoreboth
# append to the history file, don't overwrite it
shopt -s histappend
# for setting history length see HISTSIZE and HISTFILESIZE in bash(1)
HISTSIZE=1000
HISTFILESIZE=2000
[Read 123 lines]
^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^_ Go To Line
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-kinetic-moveit
sudo apt-get install ros-kinetic-joint-state-publisher ros-kinetic-joint-state-publisher-gui
sudo apt-get install ros-kinetic-gazebo-ros-control joint-state-publisher
sudo apt-get install ros-kinetic-ros-controllers ros-kinetic-ros-control
sudo nano ~/.bashrc
at the end of the (bashrc) file add the follwing line
(source /home/wesam/catkin_ws/devel/setup.bash)
then