AI TASK 1&2

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INSTALLATIONS ROS IN PC

STEP 1

Download "virtual box" from:
https://www.virtualbox.org/wiki/Downloads

STEP 2

Download "Ubuntu" from:
https://ubuntu.com/download/desktop

STEP 3

open "virtual box" >> "New">> do the setting >> start >> select the folder have the "Ununtu"
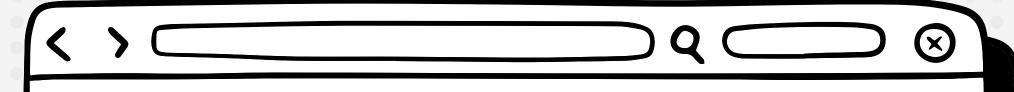
STEP 4

Install Ubuntu>>continue the install>>select your location>>write your username and password

STEP 5

open "terminal " >> copy the instructions in the ROS wiki:https://wiki.ros.org/melodic/Installation/Ubuntu >> paste in "terminal"

INSTALLATIN ROS IN JETSON NANO

Step 1:open "terminal"
Step 2:write "git clone https://github.com/JetsonHacksNano/installROS.git
Step 3:$ cd installROS
Step 4:$ ./installROS -h
Step 5: we can add other ROS packages:
-base -desktop -desktop - full

Step 6:$ ./installROS.sh -p ros-melodic-desktop >> write the password >> waiting for installation ROS complete
Step 7:setup catkin workspace
Step 8: ./setupcatkinworkspace.sh
Step 9: $ befit~/.bashrc>> A new window will open, go to the bottom and make the settings suitable with your workspacification
Step 10: $ source ~/.bashrc
Step 11: $roscor
Step 12: in another window for "terminal" >> $rostopic list