Goal is to install ROS2 on raspberry

Following this tutorial <https://roboticsbackend.com/install-ros2-on-raspberry-pi/>

Downloading first Ubuntu use the official Raspberry Pi Imager (v1.7.2) and choose Ubuntu Server 20.04.4 LTS (RPI 3/4/400 64-bit)

Then insert SD card back in pc again to setup Wi-Fi and check ssh is enabled.

Then put it in the raspberry pi and change password. You need probably reboot it then again to connect it to the Wi-Fi. After that you can ssh into the pi

Then follow the tutorial again from: <https://roboticsbackend.com/install-ros2-on-raspberry-pi/>

For setting up an static IP on the raspberry follow this tutorial: <https://linuxconfig.org/how-to-configure-static-ip-address-on-ubuntu-18-04-bionic-beaver-linux>

libraries to install:

Install python3

Install pip3 for python3

Install rpi.gpio

Install thread6

Install sshkeyboard

Install vl53l1x