

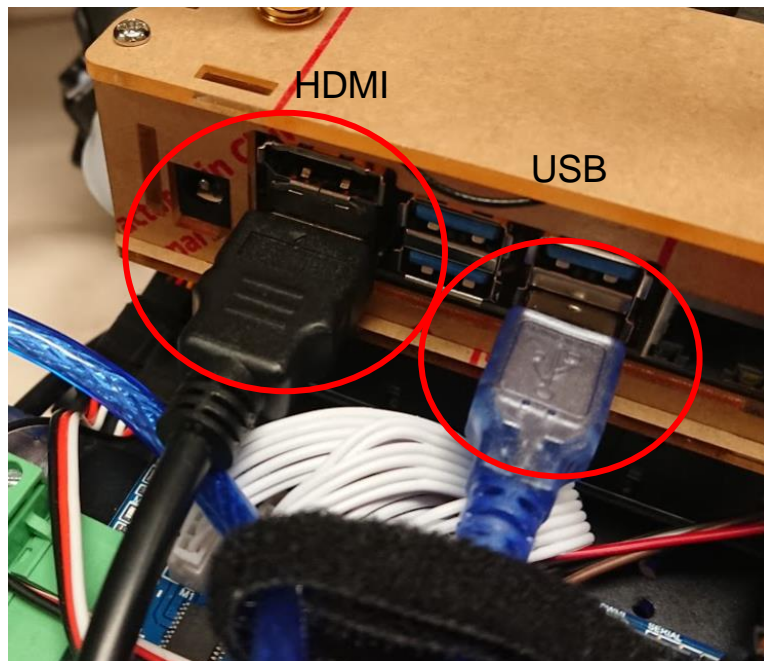
# Wiring the Whole system

## 1. Wiring Inspection

### Step 1.1

Before we begin, please check if the proper wirings are in place.

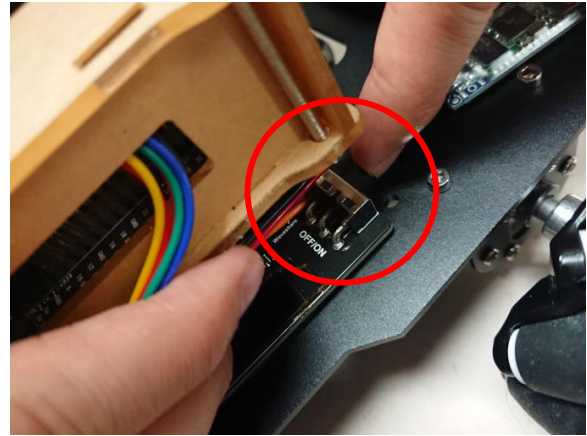
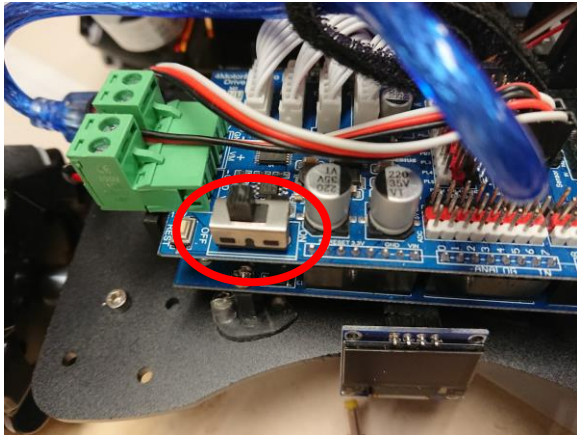
**IMPORTANT: Please ask the TA to check the wiring before turning on anything.**



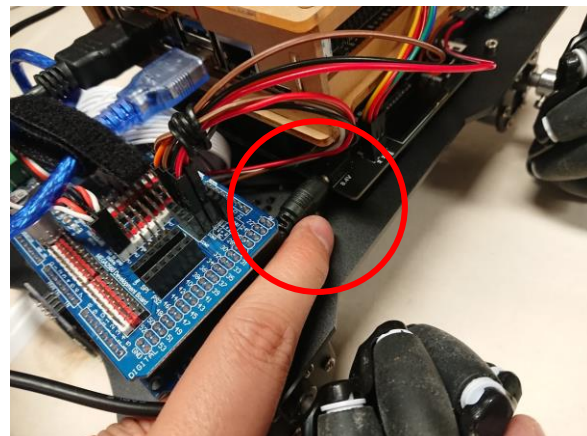
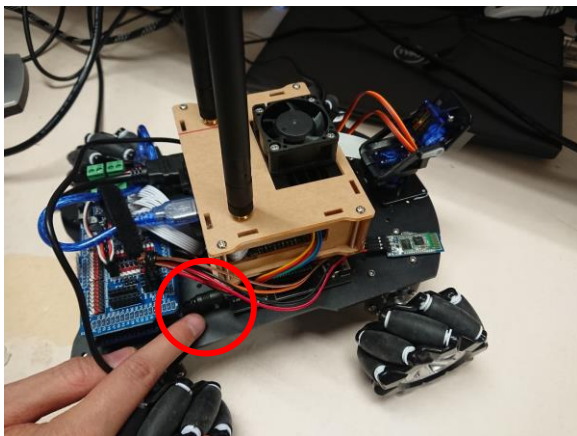
Plug the HDMI cable to the monitor and USB to the Arduino MEGA board

## Step 1.2

Also make sure that the switch on the arduino MEGA shield and the main power switch are both OFF



Now plug the charger to the socket and the power cord to the board under nano



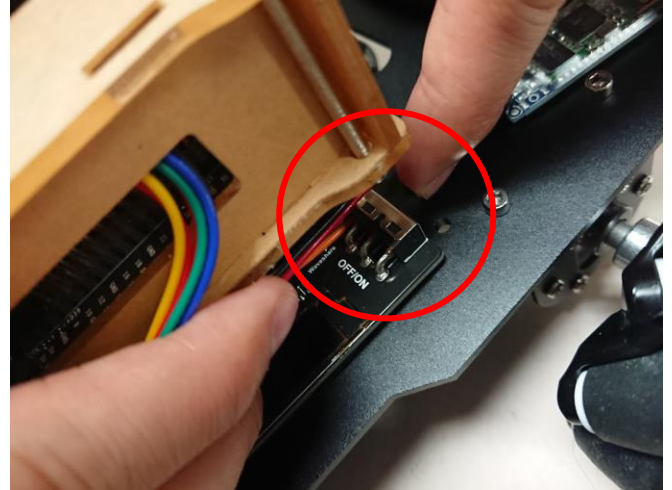
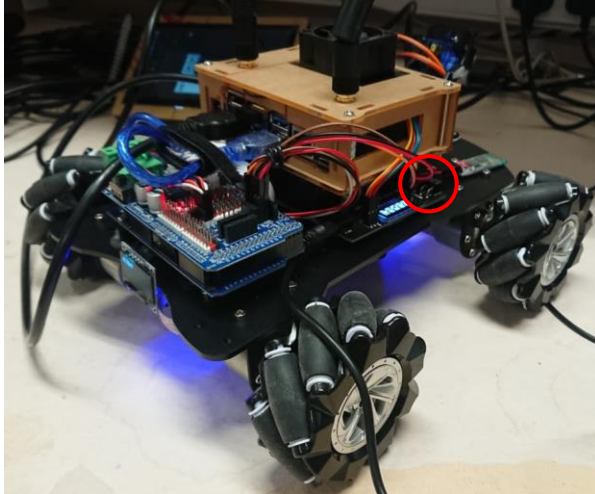
**Note: Make sure the light on the charger is on and glowing red**





### Step 1.3

Now you may turn on the switch at the corner of the board under the nano



If it is powering on correctly, a LED on the corner of the nano board will light up green.

