12.Infrared follow

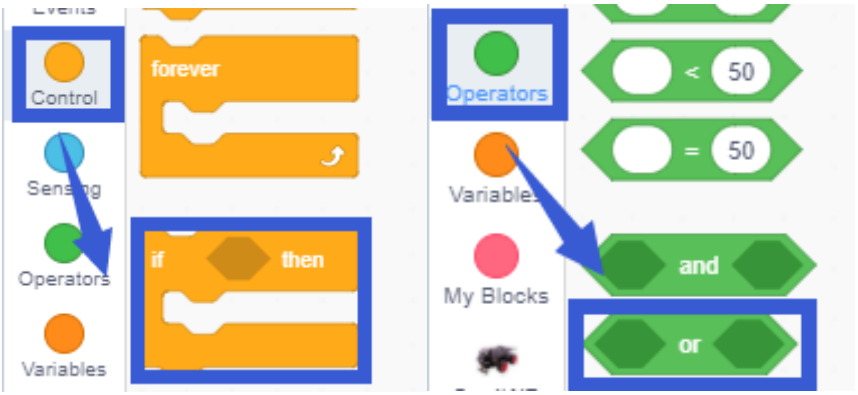
! ! ! Note:

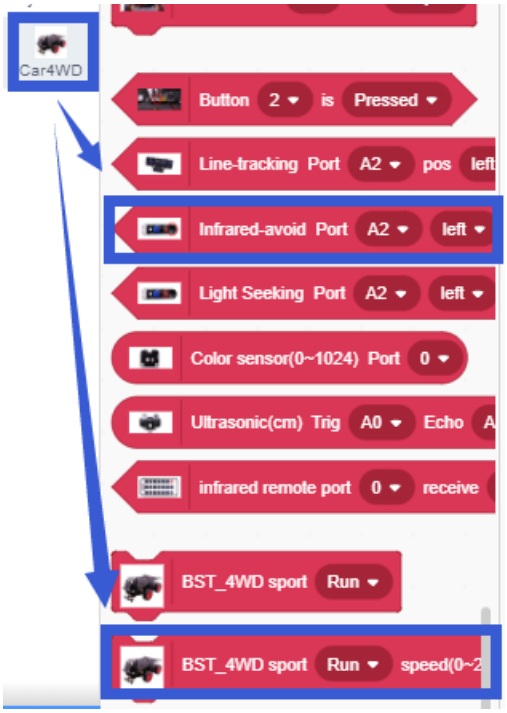
In order to avoid the interference of sunlight on the line sensor, this experiment needs to be carried out indoors.

Before the experiment, we need to adjust the sensitivity of the Tracking sensor. Please refer to the manual for the details.

The summary program of this experiment is shown below:

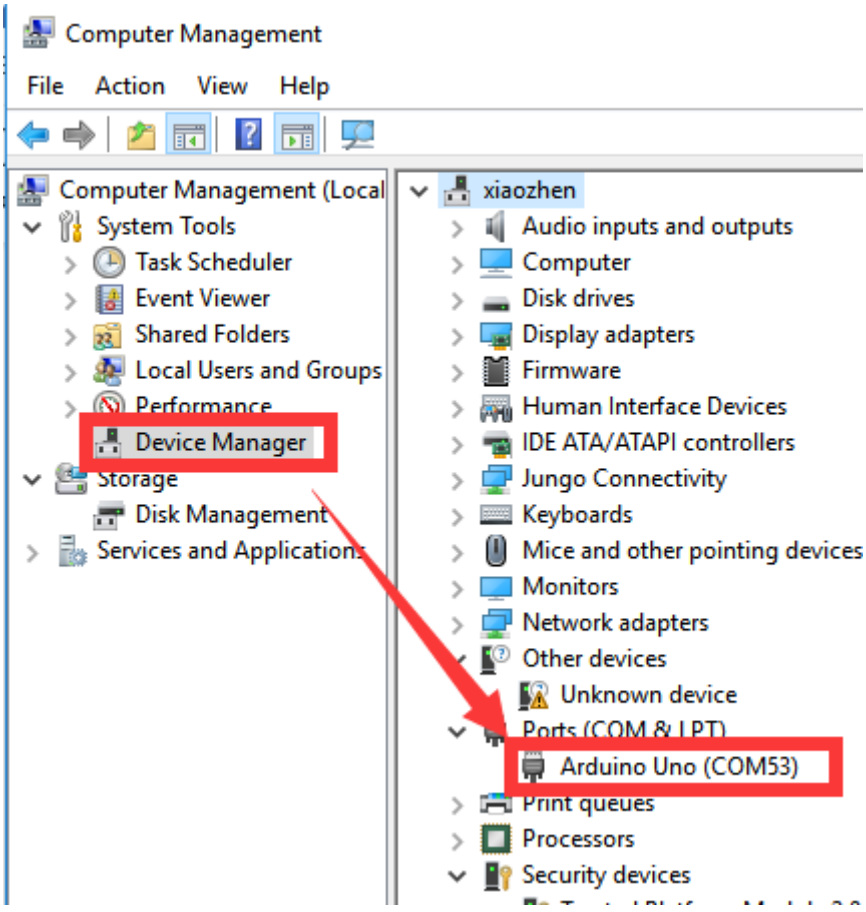
1.Search for blocks

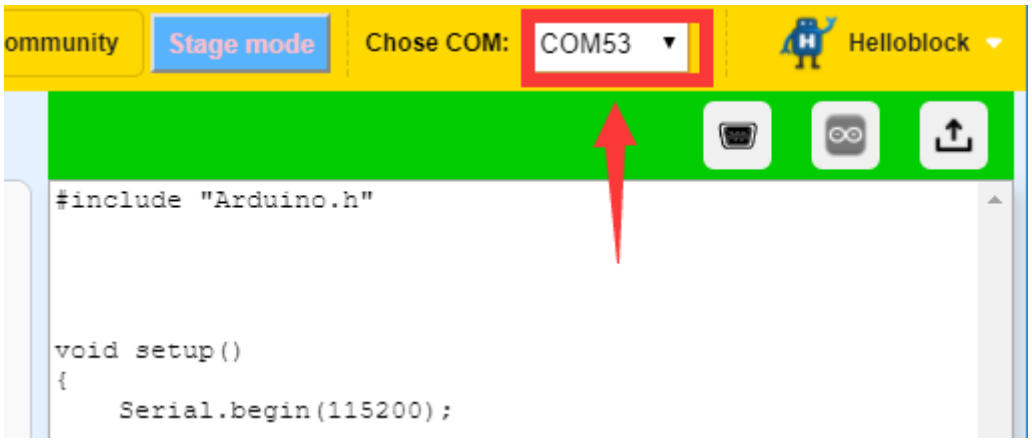




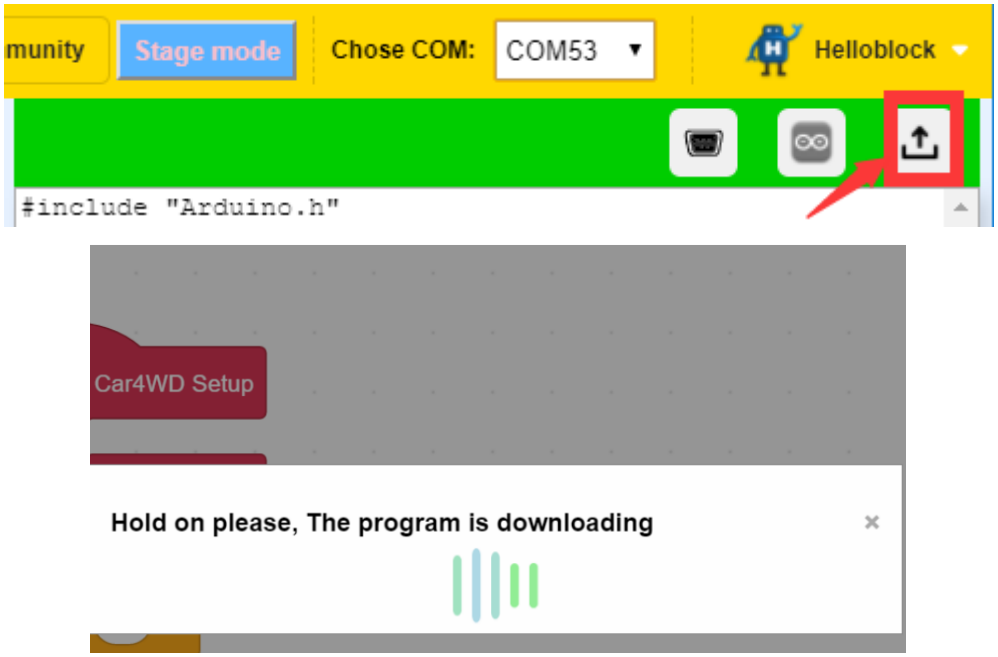
2. Download program

2.1 In the upper right corner of Helloblock, we need to select the port that the serial number displayed by the device manager (for exmaple:COM54) As shown in the figure below.



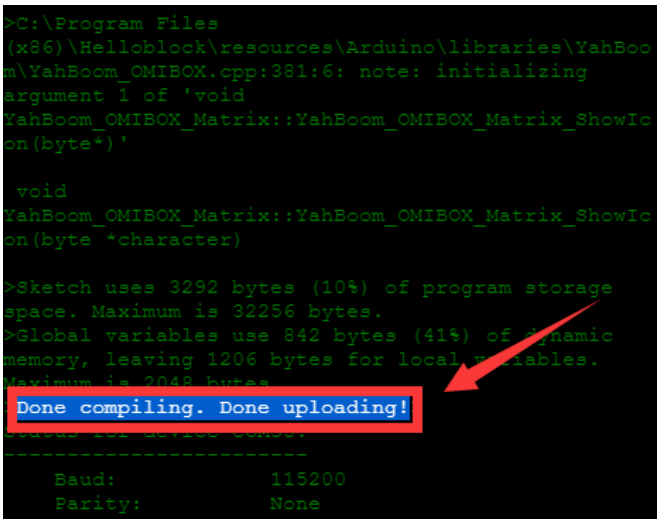


2.2 Click the up arrow to start compiling and uploading the program. It will take a certain amount of time, we need to wait patiently.



It takes a certain amount of time to compile the program, and everyone needs to wait patiently.

2.3 When the words "Done compiling Done uploading" appear in the lower right corner of the programming interface, as shown in the following figure, the program has been uploaded.



3.Experimental phenomena

After the program is downloaded, we can see that the car will automatically follow the obstacles.