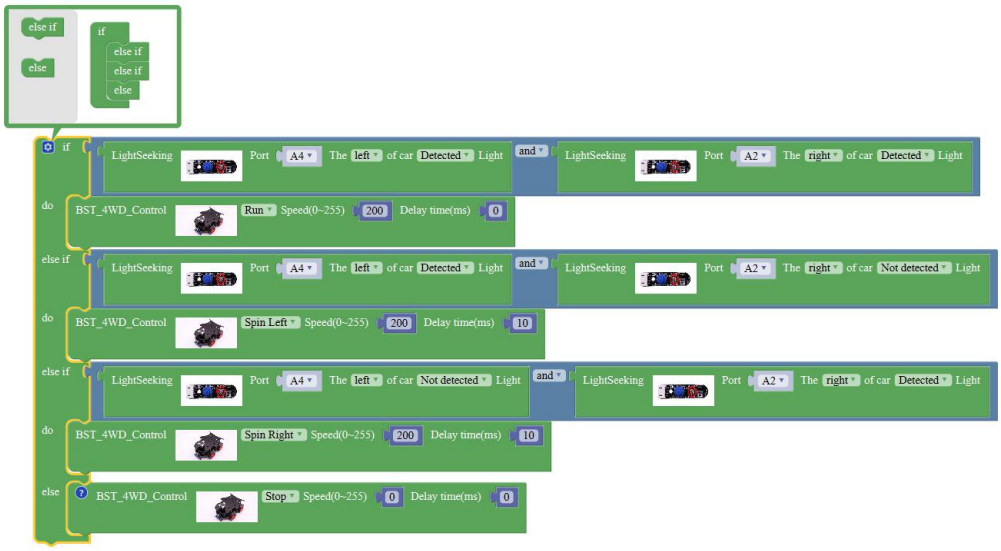
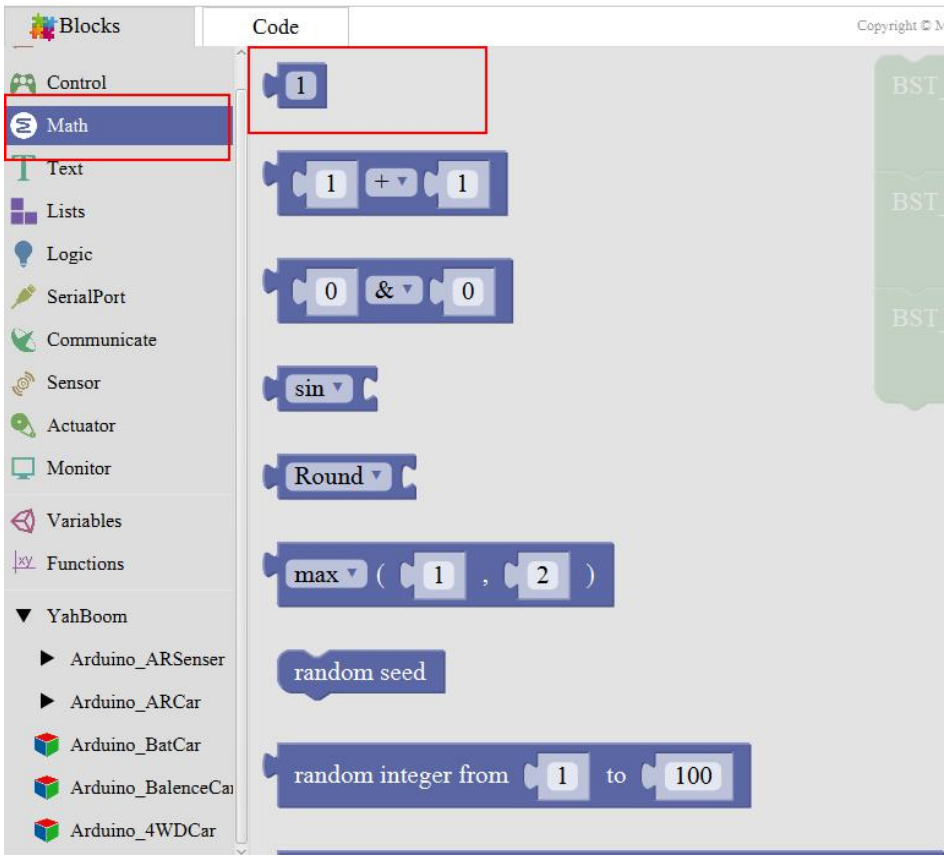
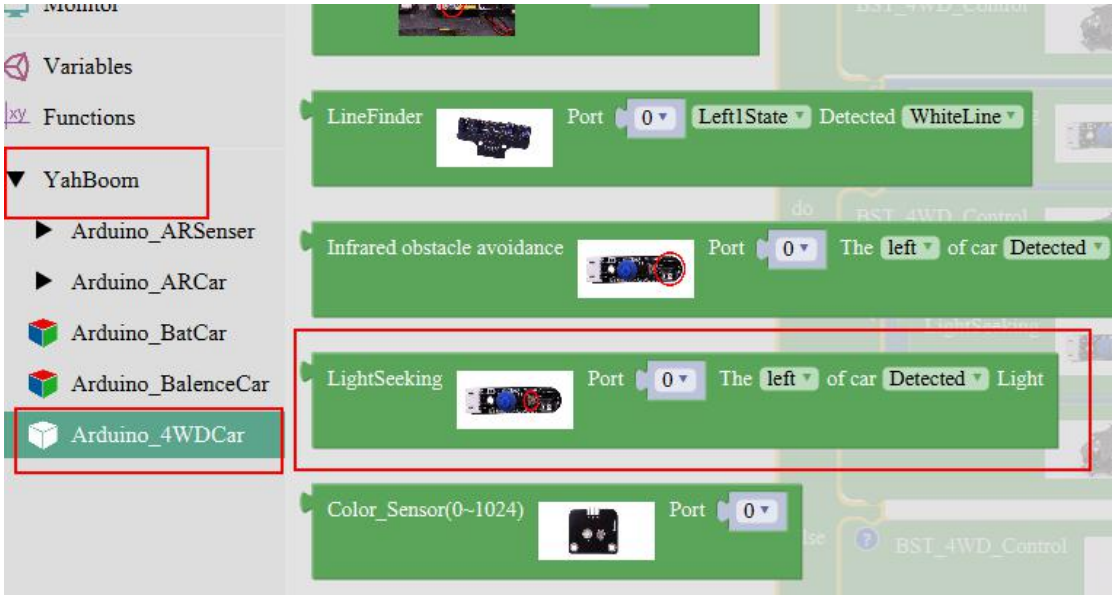
13、Seek light

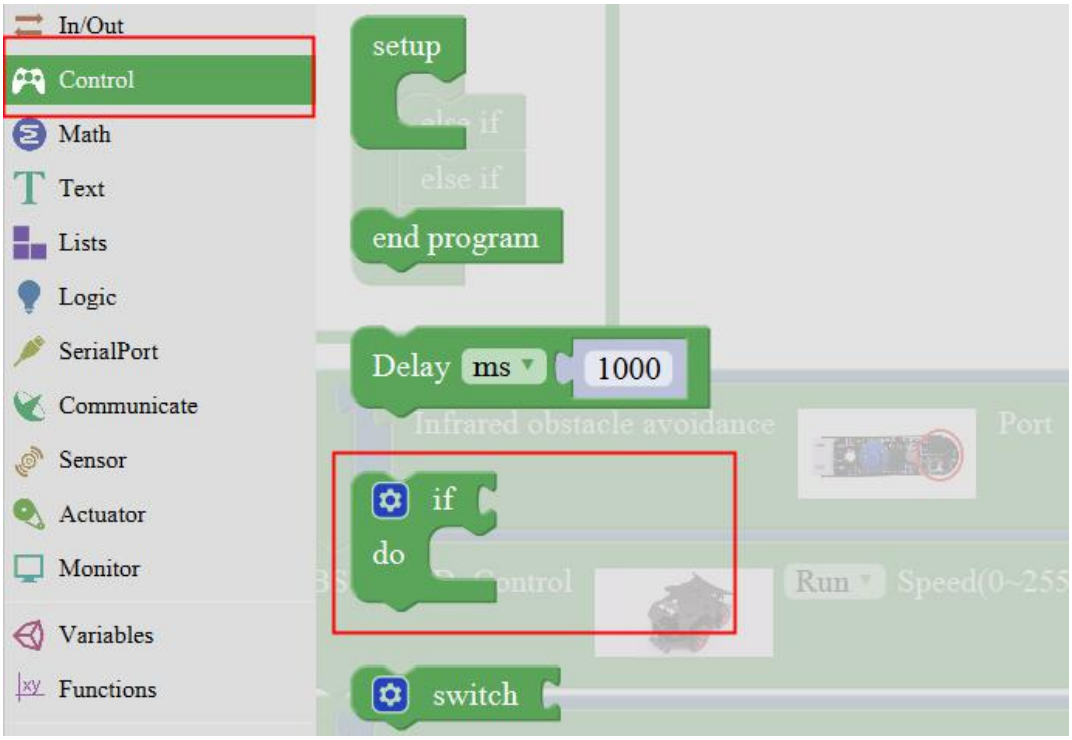
Follow the steps to splice the building blocks ：

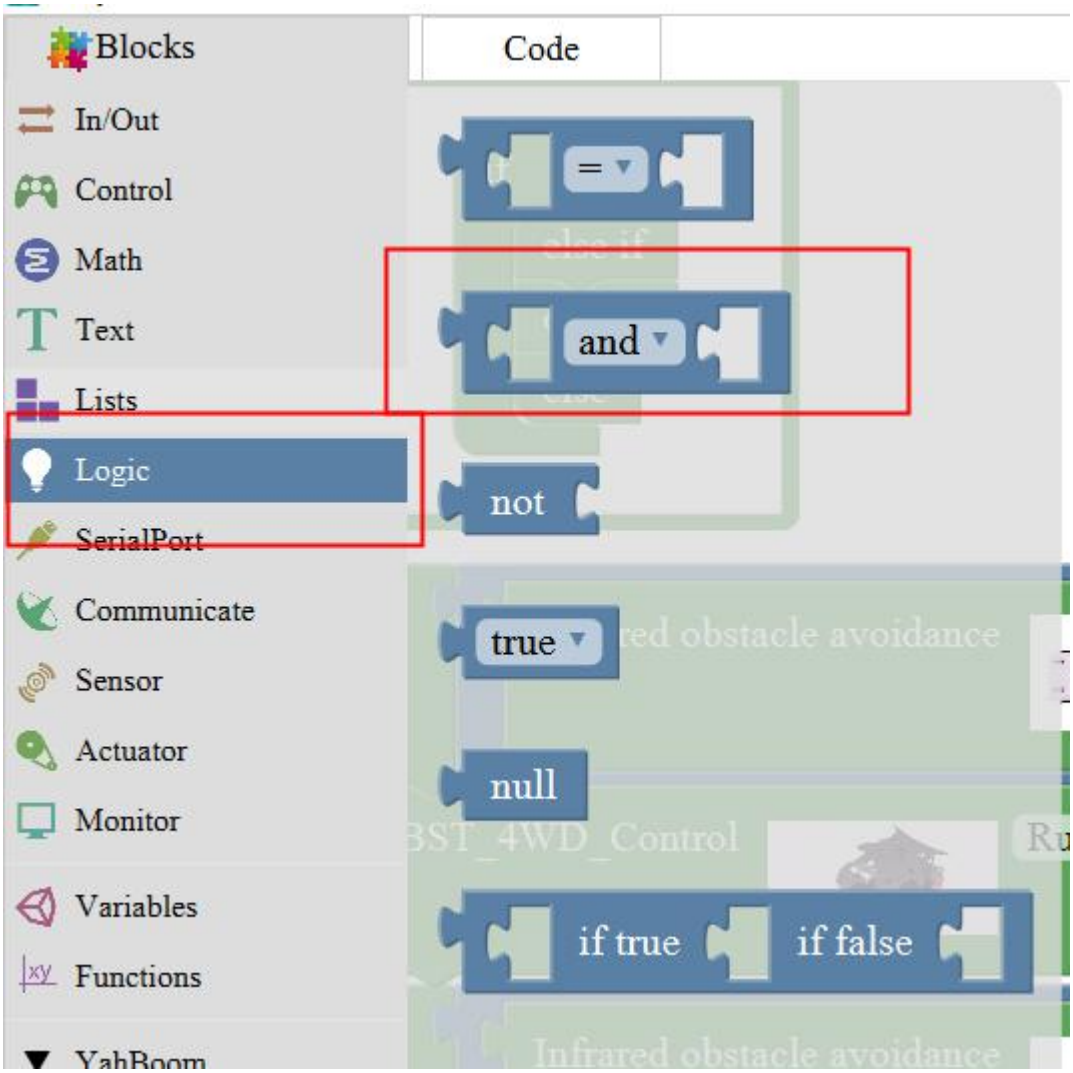


1、Experimental building blocks :

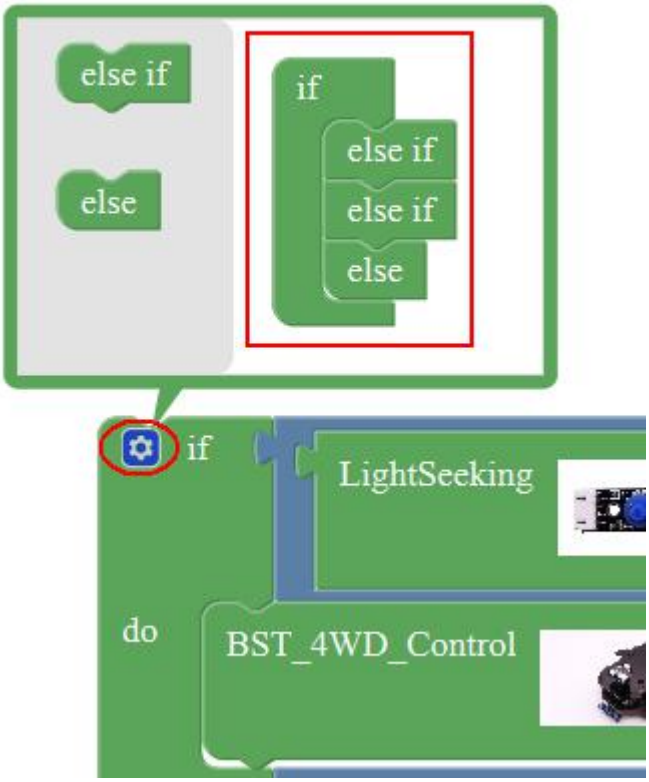

Blocks
Code
Control
Math
Text
Lists
Logic
SerialPort
Communicate
Sensor
Actuator
Monitor
Variables
Functions
YahBoom
Arduino_ARSenser
Arduino_ARCar
Arduino_BatCar
Arduino_BalenceCar
Arduino_4WDCar
1
1 + 1
0 & 0
sin
Round
max (1 , 2)
random seed
random integer from 1 to 100


Variables
Functions
YahBoom
Arduino_ARSenser
Arduino_ARCar
Arduino_BatCar
Arduino_BalenceCar
Arduino_4WDCar
LineFinder
Port 0 Left1State Detected WhiteLine
Infrared obstacle avoidance
Port 0 The left of car Detected
LightSeeking
Port 0 The left of car Detected Light
Color_Sensor(0~1024)
Port 0


In/Out
Control
Math
Text
Lists
Logic
SerialPort
Communicate
Sensor
Actuator
Monitor
Variables
Functions
setup
end program
Delay ms 1000
if
do
switch


Blocks
Code
In/Out
Control
Math
Text
Lists
Logic
SerialPort
Communicate
Sensor
Actuator
Monitor
Variables
Functions
YahBoom
=
and
not
true
null
if true
if false

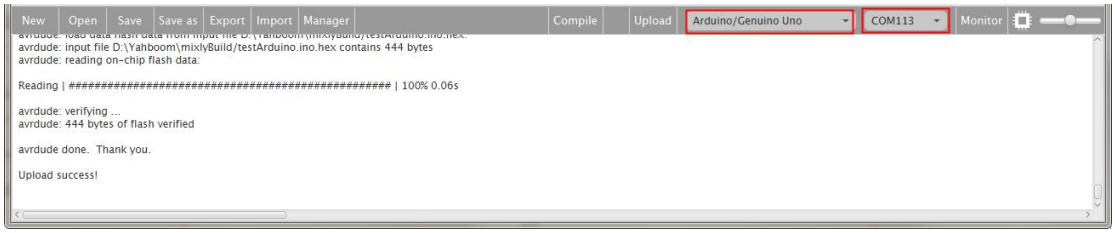
Note:

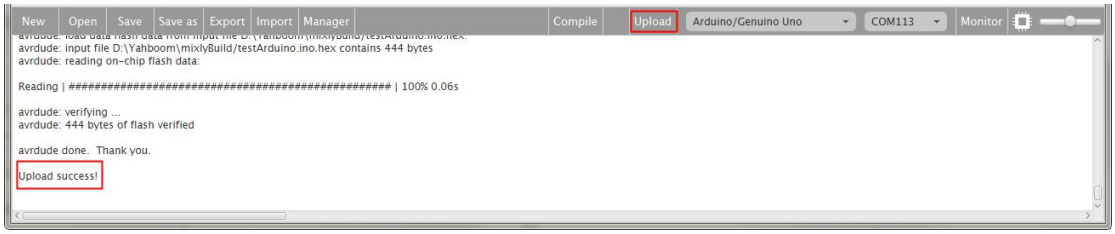


2、Experimental verification：

a、After splicing, select the compile button above the picture, wait for the completion of the compiler, the following box will prompt the compiler successfully, if prompt the compile failure is the problem of building block splicing.

b、After compiled , select **Arduino/Genuino　Uno** follow the picture, selects the serial number of the corresponding board.





c、After configured,select the upload button above the picture, wait for the following box prompt the upload successfully. Debugging search light sensor, when exposure to the light source, the light source light is off, no radiation lit, and then power on, the car on the open ground, with a flashlight to find the light module on the left and right sides, to see whether the car with light walking.