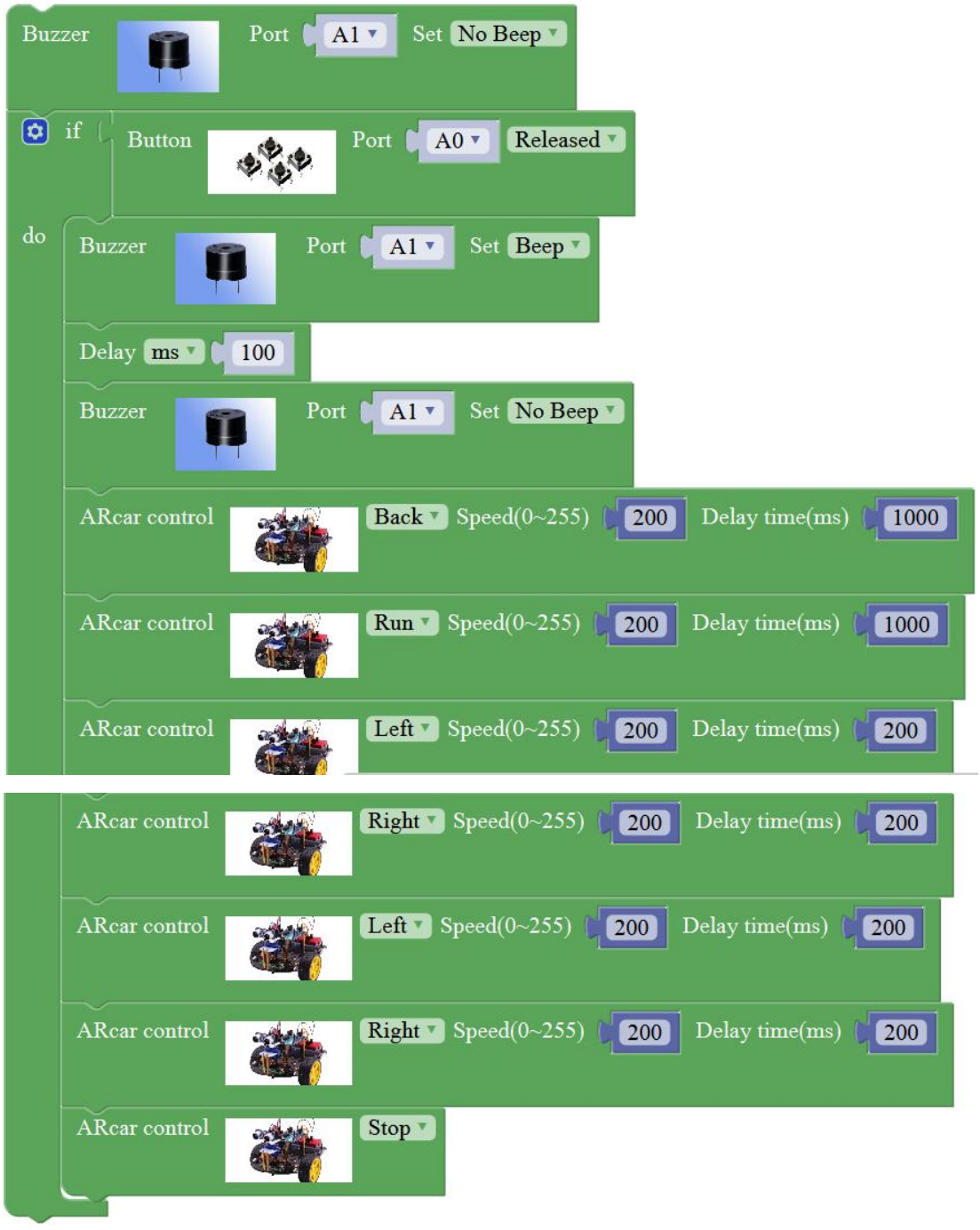
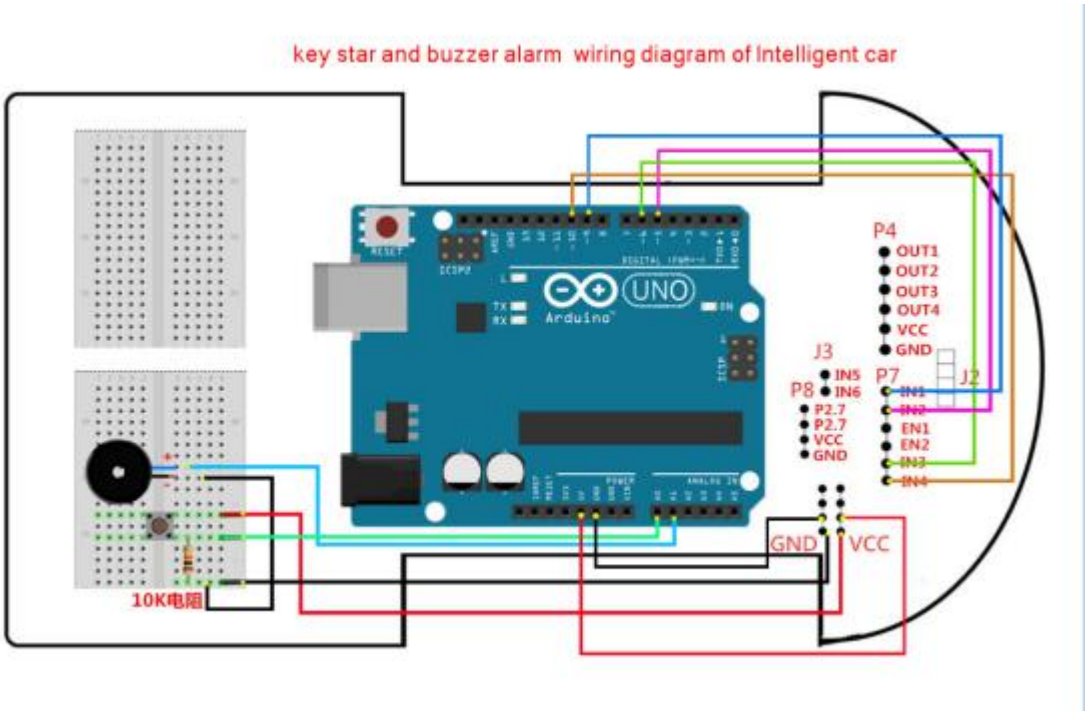
4、Intelligent car key star and buzzer alarm experiment

You need to follow the steps below to build blocks.

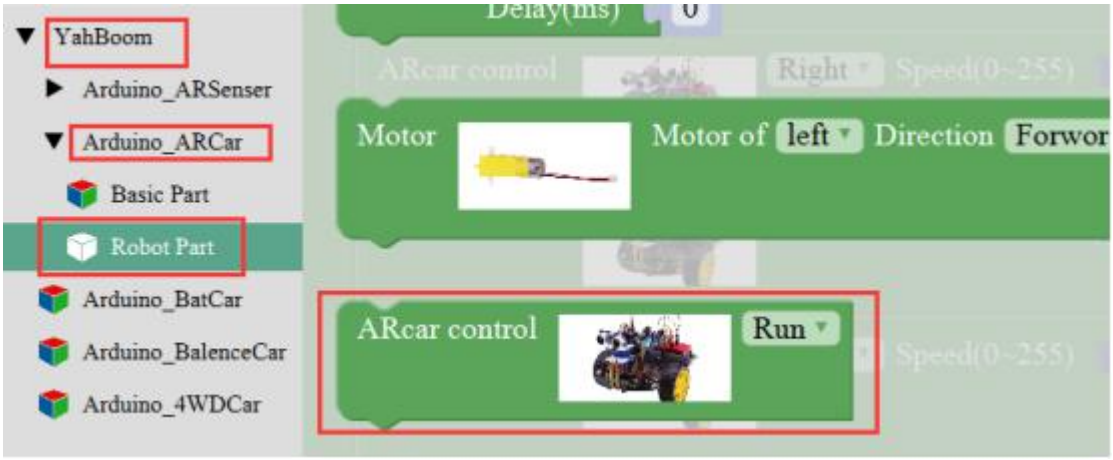


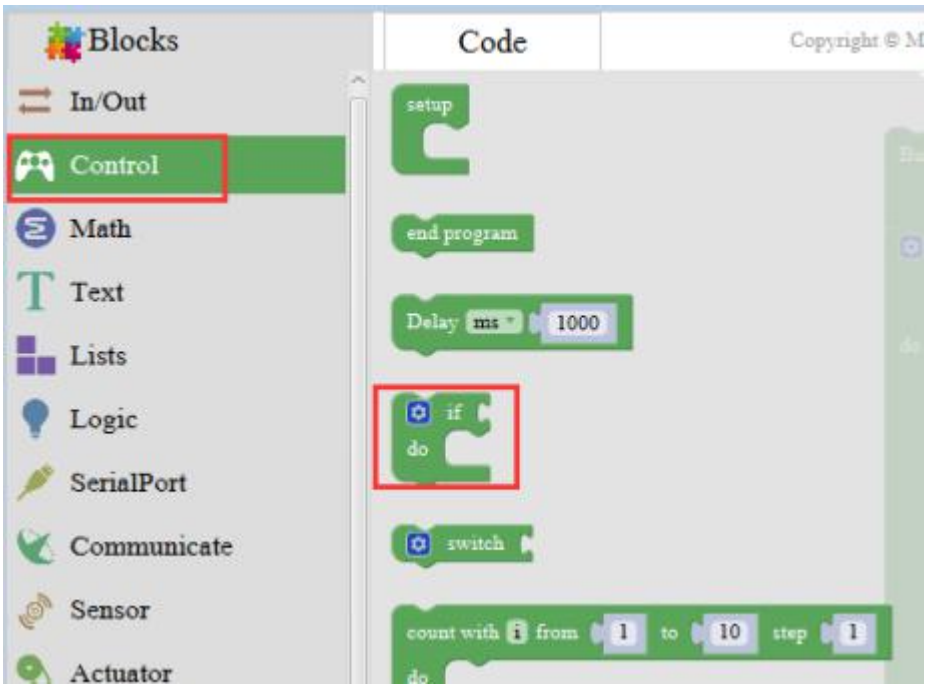
Material object wiring diagram:

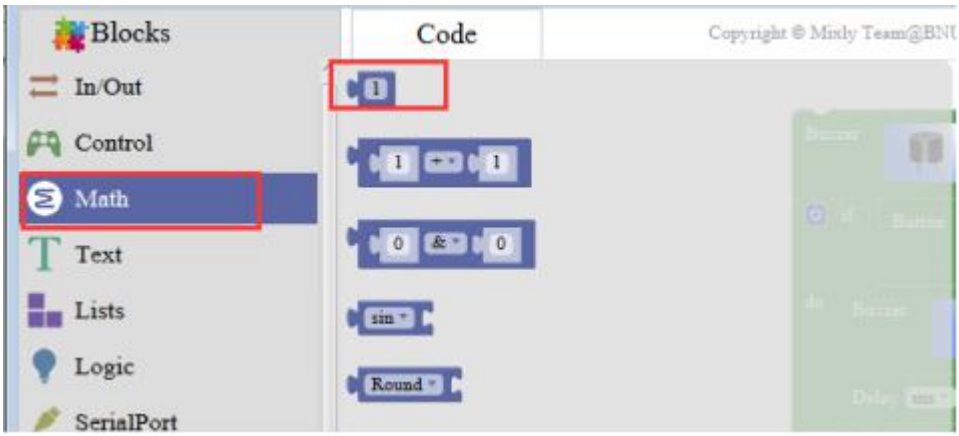


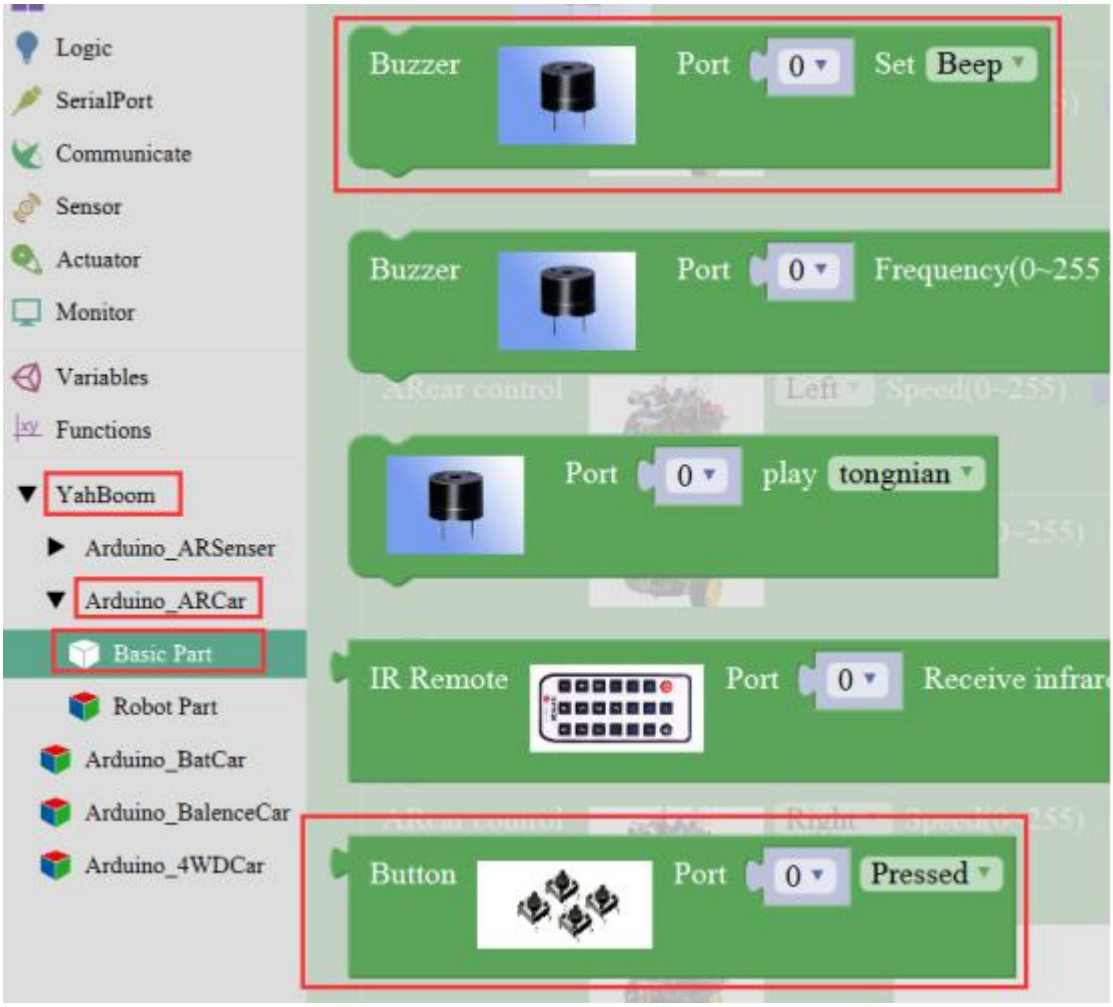
Steps of experiment:

1.You need to choose the building blocks which you need for this experiment, as shown in the figure below.




Blocks
Code
In/Out
Control
Math
Text
Lists
Logic
SerialPort
Communicate
Sensor
Actuator
setup
end program
Delay ms 1000
if
do
switch
count with i from 1 to 10 step 1
do

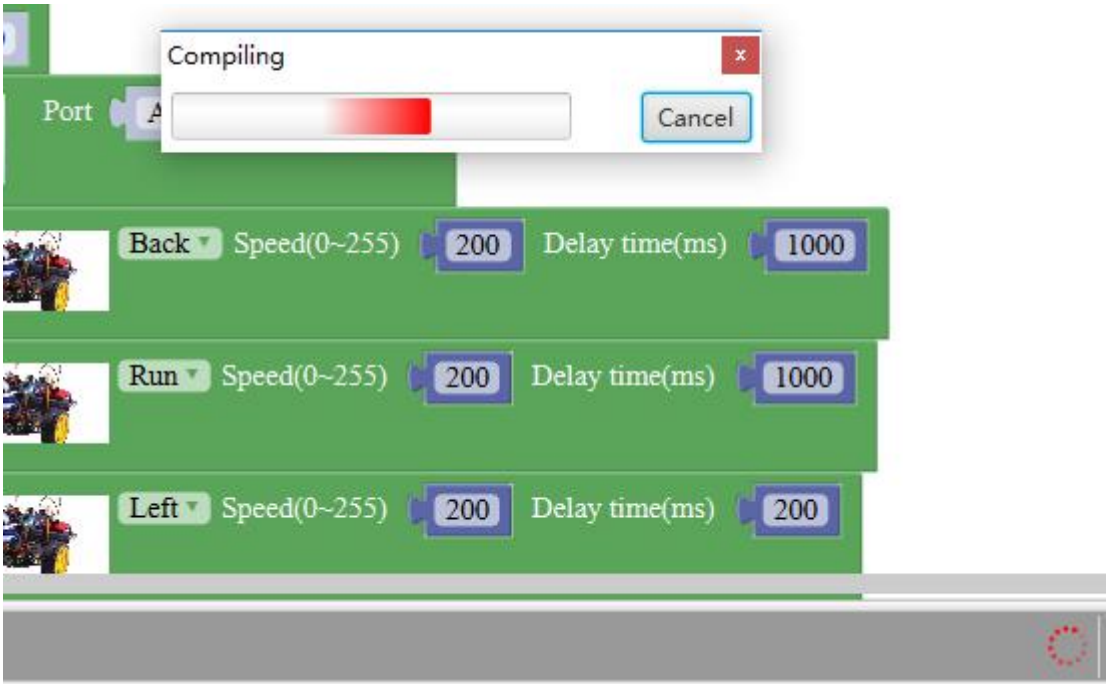

Blocks
Code
In/Out
Control
Math
Text
Lists
Logic
SerialPort
1
1 + 1
0 & 0
sin
Round



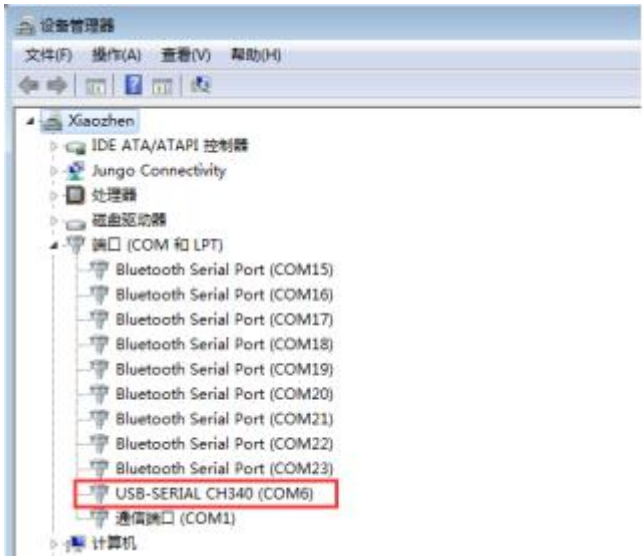
2.You need to combine the selected blocks, as shown in the figure below.

3.You need to you need to click “**Compile**”. and 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.

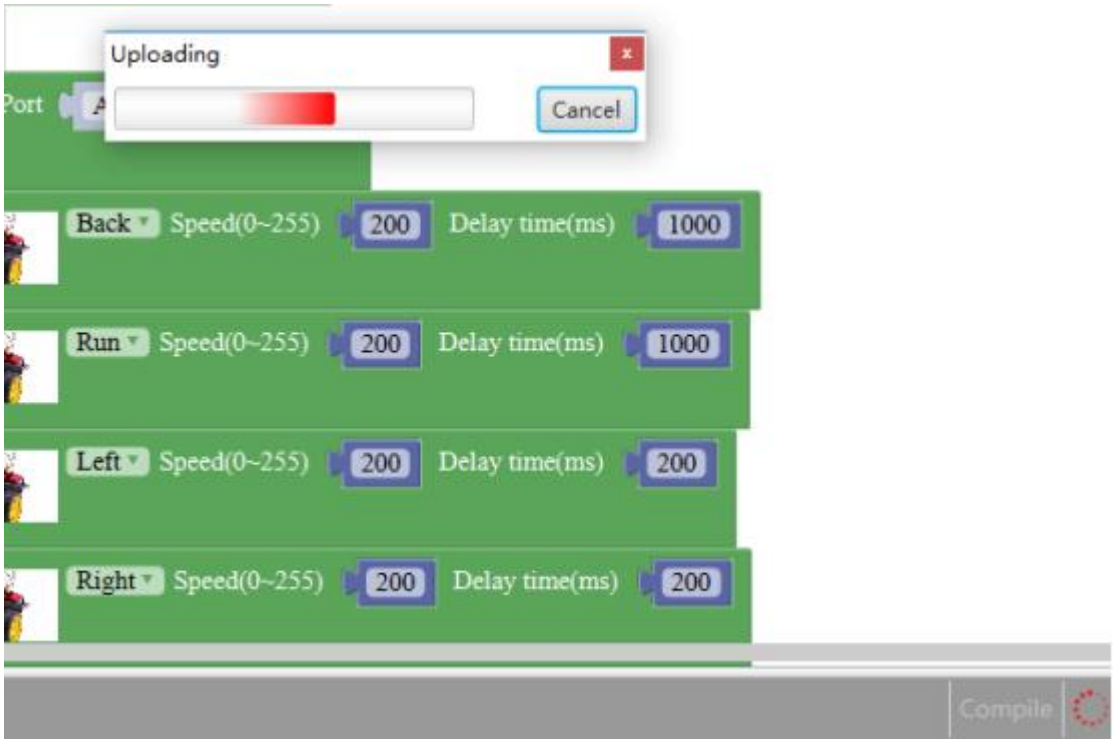
4. After the compilation is completed, the word "**Compile success!**" will appear in the lower left corner, indicating that you have successfully compiled the program.

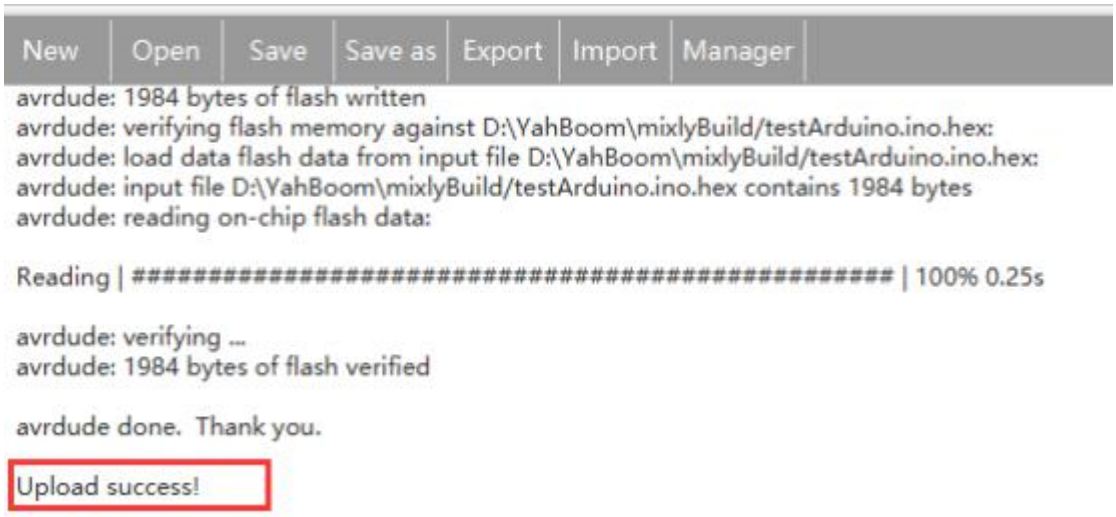


5. In the menu bar of Mixly, we need to select the port that the serial number displayed by the device manager (for exmaple:COM6) and **Arduino/Genuino Uno.** As shown in the figure below.



6. After the selection is completed, you need to click “**Upload**” to upload the code to the Arduino UNO board. When the word “**Upload success**” appears in the lower left corner, the code has been successfully uploaded to the Arduino UNO board, as shown in the figure below.





7.After the code is uploaded,When the button is pressed, the buzzer drops a drop, and the car starts to move back, move forward, turn left, and turn right.