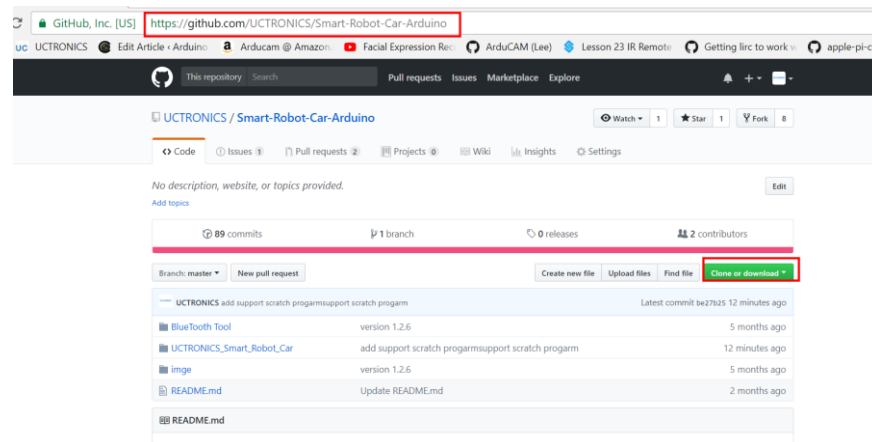# UCTRONICS Smart Robot Car Scratch User Guide

Please note this document is a beta version, and you can always contact us at support@uctronics.com for updated contents.

Step1:
Download UCTRONICS Smart Robot Car firmware from
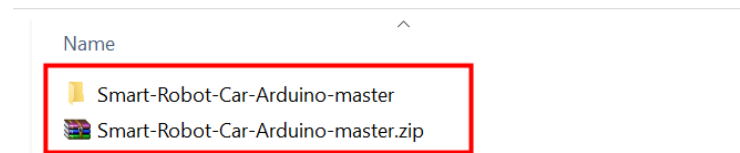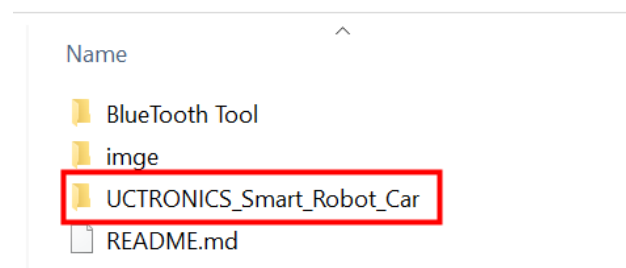https://github.com/UCTRONICS/Smart-Robot-Car-Arduino.git

Step2:
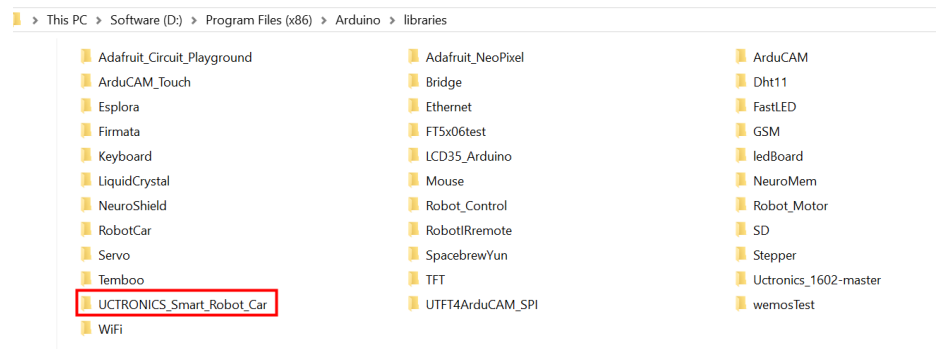Unzip the Smart-Robot-Car-Arduino-master.zip file

Then open the Smart-Robot-Car-Arduino-master

and copy **UCTRONICS_Smart_Robot_Car** to **..\ Arduino\libraries** path

This PC > Software (D:) > Program Files (x86) > Arduino > libraries

|		
Adafruit_Circuit_Playground	Adafruit_NeoPixel	ArduCAM
ArduCAM_Touch	Bridge	Dht11
Esplora	Ethernet	FastLED
Firmata	FT5x06test	GSM
Keyboard	LCD35_Arduino	ledBoard
LiquidCrystal	Mouse	NeuroMem
NeuroShield	Robot_Control	Robot_Motor
RobotCar	RobotIRremote	SD
Servo	SpacebrewYun	Stepper
Temboo	TFT	Uctronics_1602-master
UCTRONICS_Smart_Robot_Car	UTFT4ArduCAM_SPI	wemosTest
WiFi		

Step3:

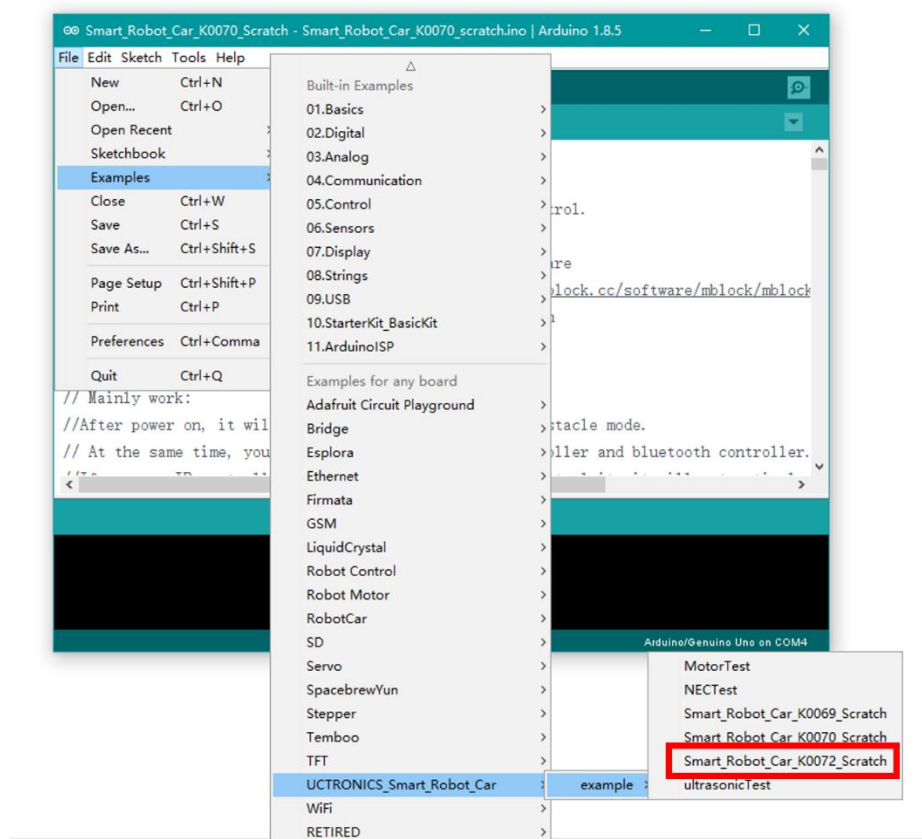Open the Arduino IDE and choose the Tools-> Board->Arduino/Genuino Uno
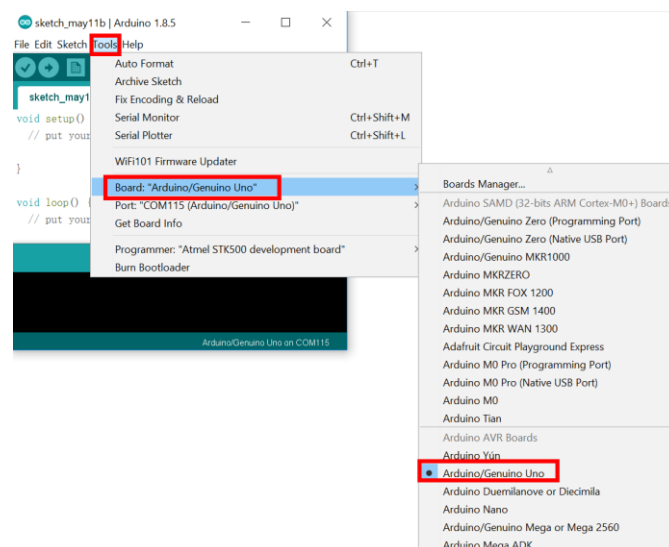
Step4:

Choose the Tools->Port->Your (Arduino/Genuino Uno)port.
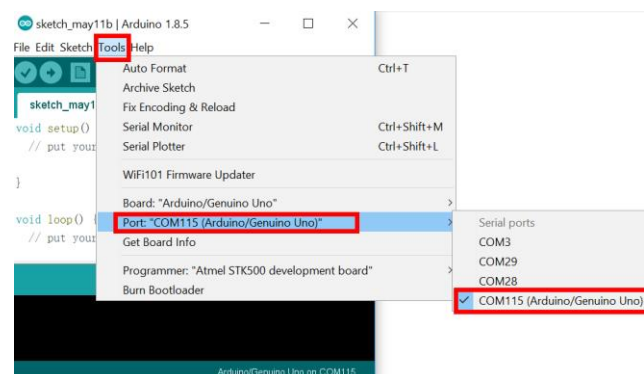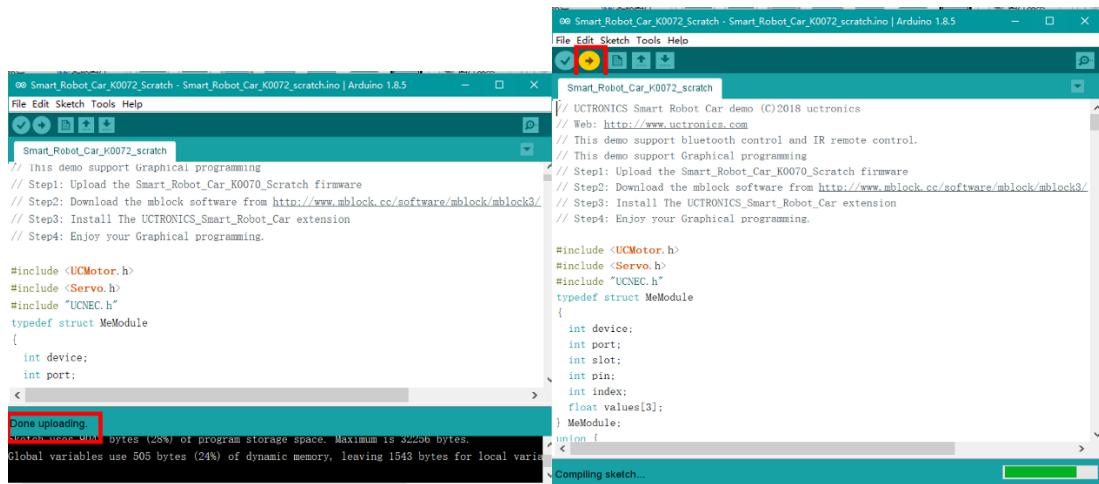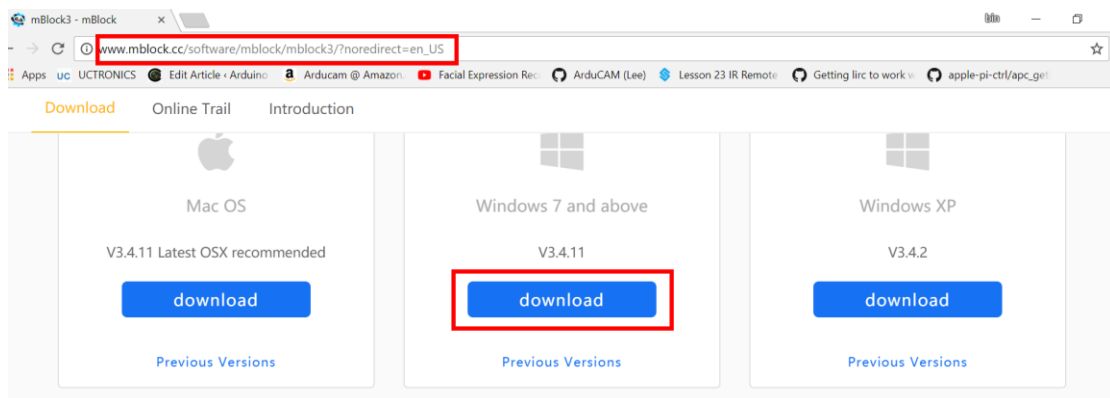
Step5:Choose the
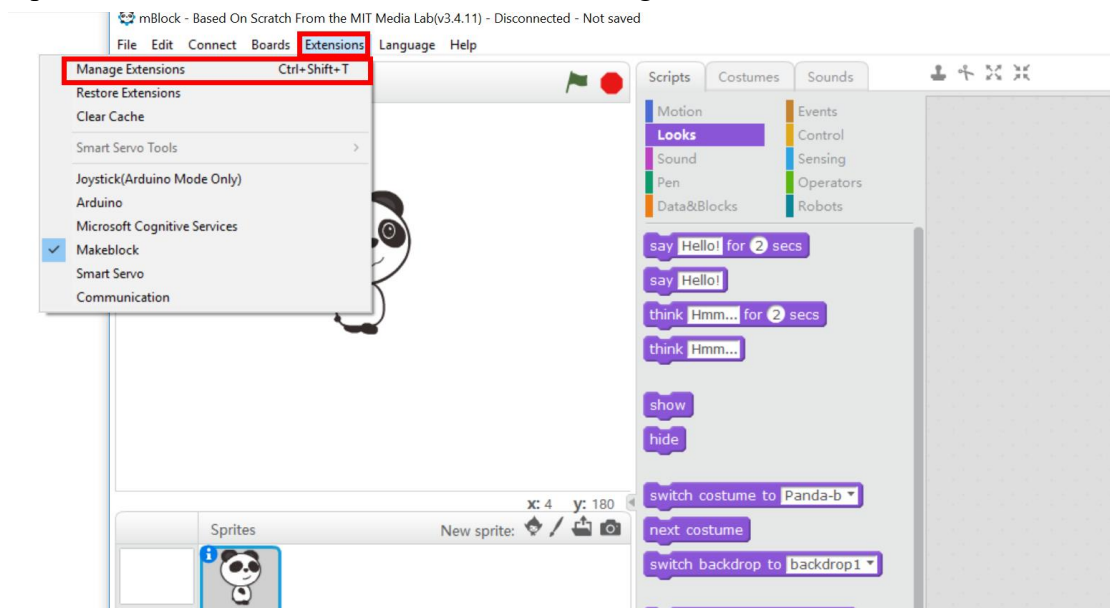File->Examples->UCTRONICS_Smart_Robot_Car->examples->Smart_Robot_Car_
K0072_Scratch demo

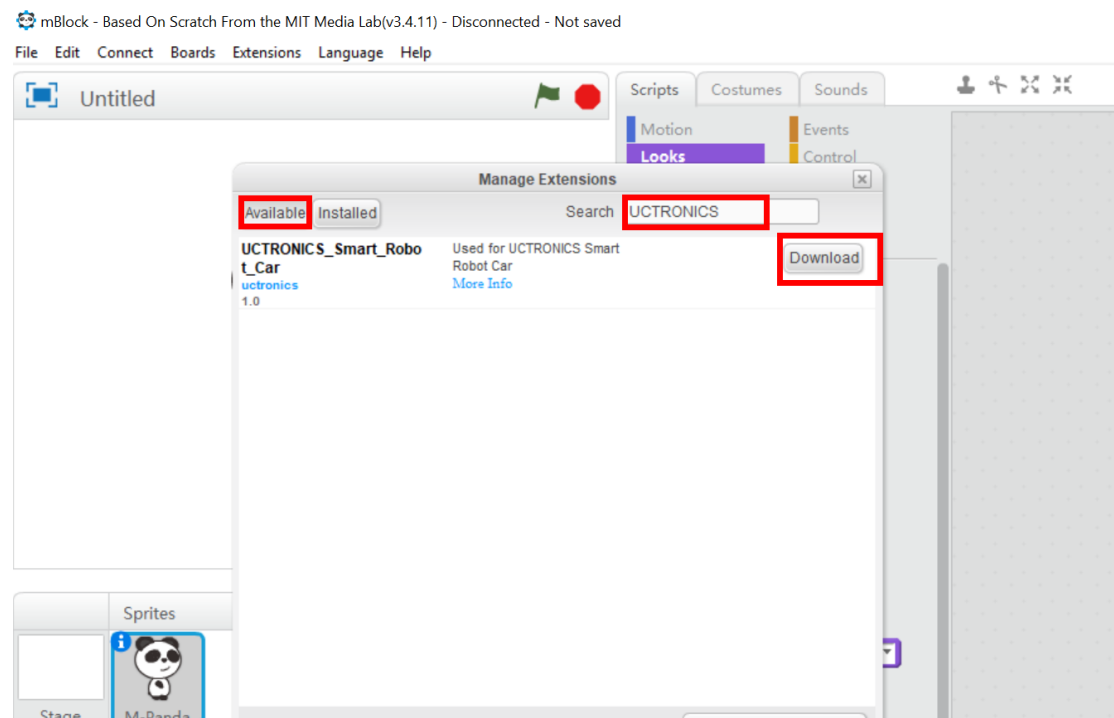Step6: Compile and upload the demo to your arduino UNO board.

Step7: Download and install the mblock software from
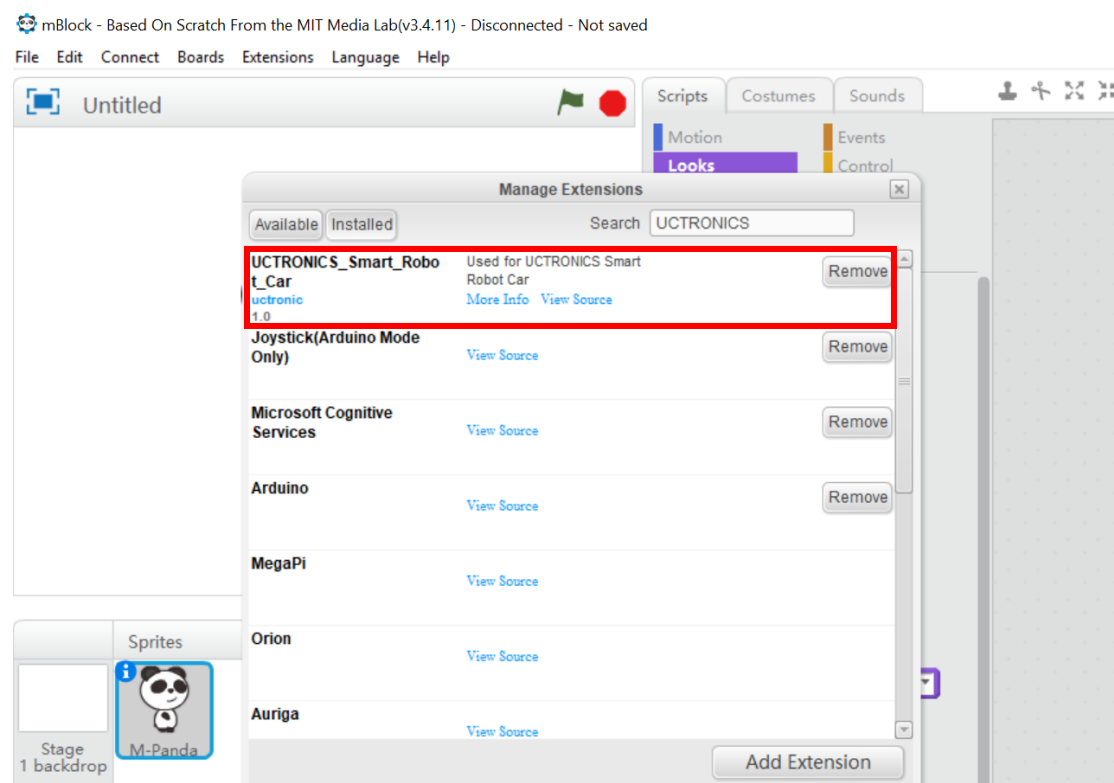http://www.mblock.cc/software/mblock/mblock3/

Step8:

Open the mblock and choose Extensions ->Manage Extensions

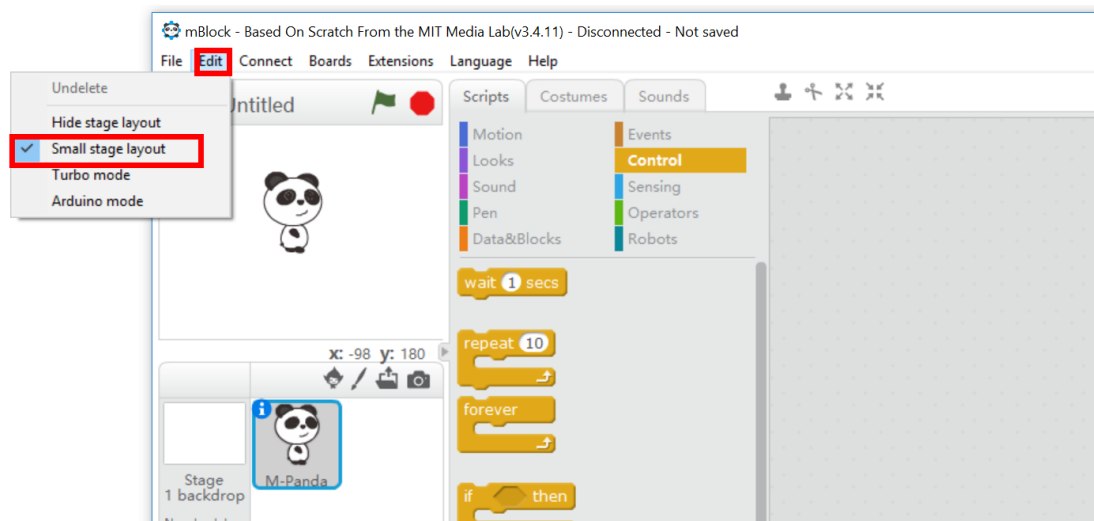Step9:Click Available, then input the UCTRONICS_Smart_Robot_Car in the Search. The click Download

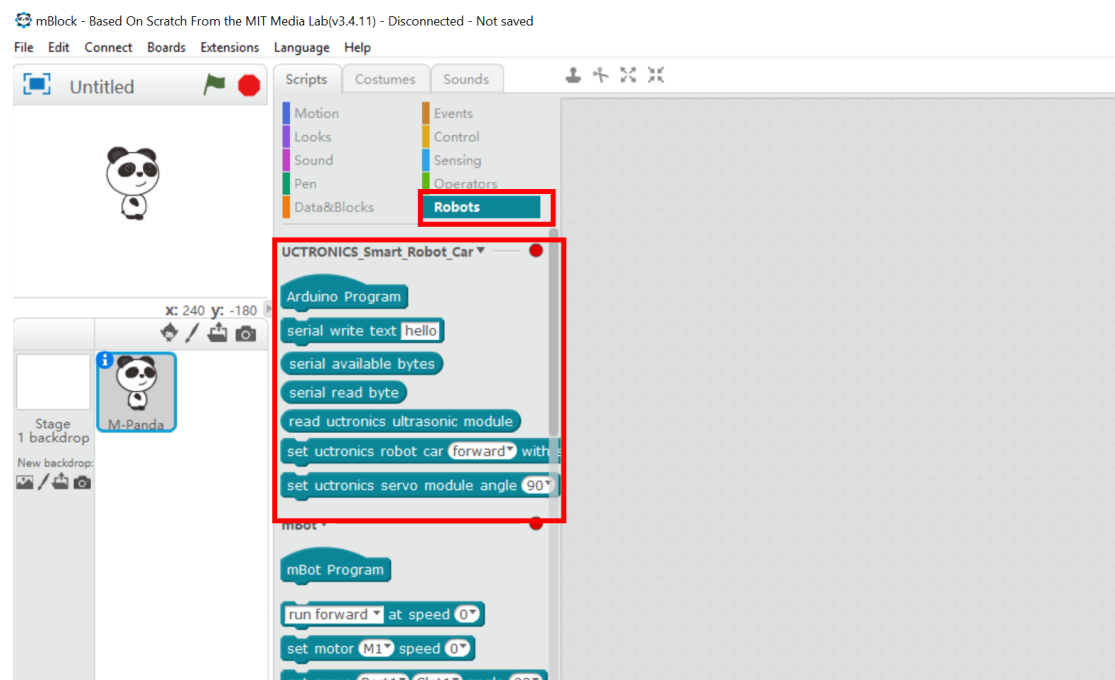Then you will see the UCTRONICS_Smart_Robot_Car has been installed in the Installed
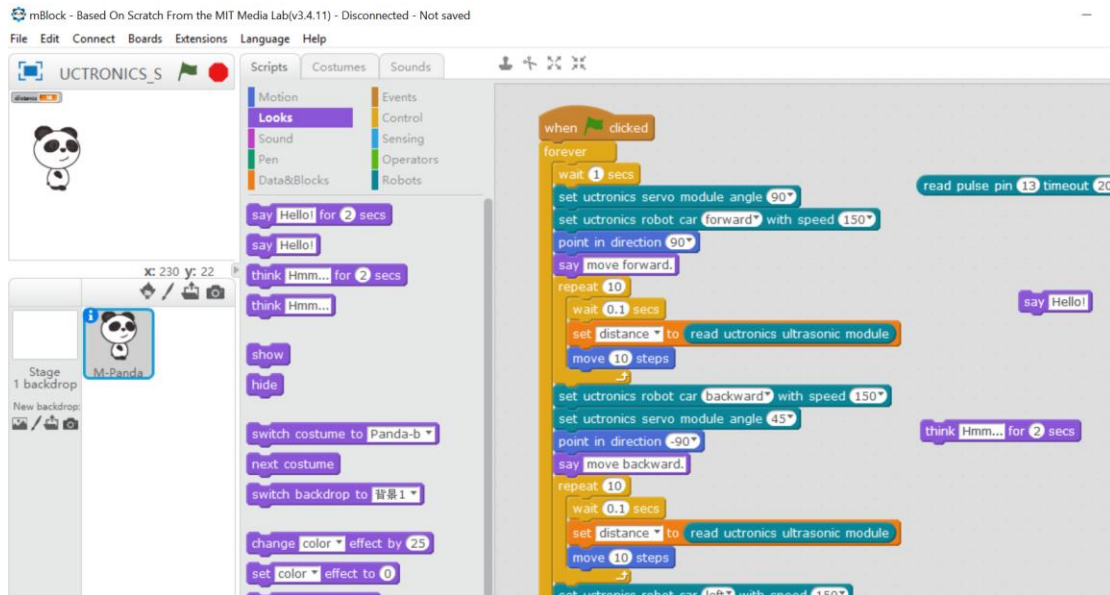

Step10:Choose Edit->Small stage layout

Step11:

Then choose Robots, you will see the UCTRONICS_Smart_Robot_Car extension

Step12:Now you can program the code by Dragging and dropping the blocks

Step13: Connect the mblock to the UCTRONICS Smart Robot Car by serial port or Bluetooth.We advise you use Bluetooth if your computer supports Bluetooth

Choose Connect->Bluetooth->Discover
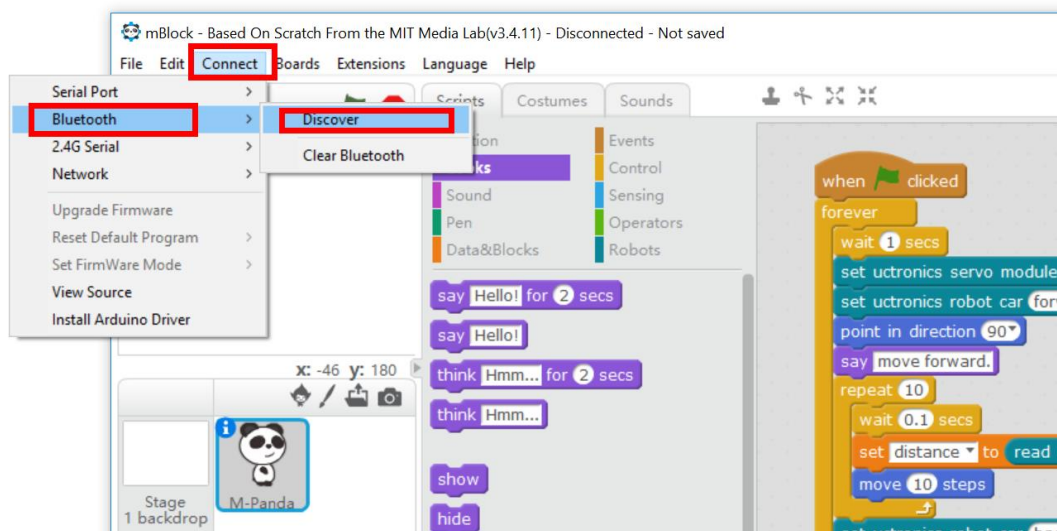
Connect your Bluetooth module to the Smart Robot Car.Then you will search the HC-05
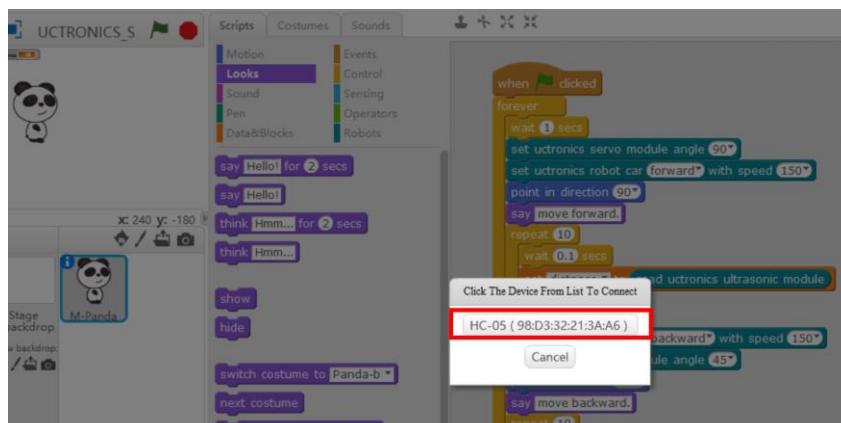
Just click it and wait for it to connect successfully
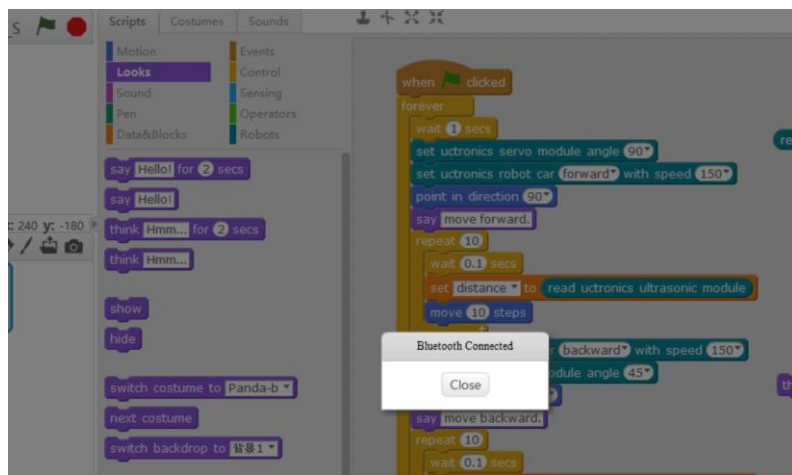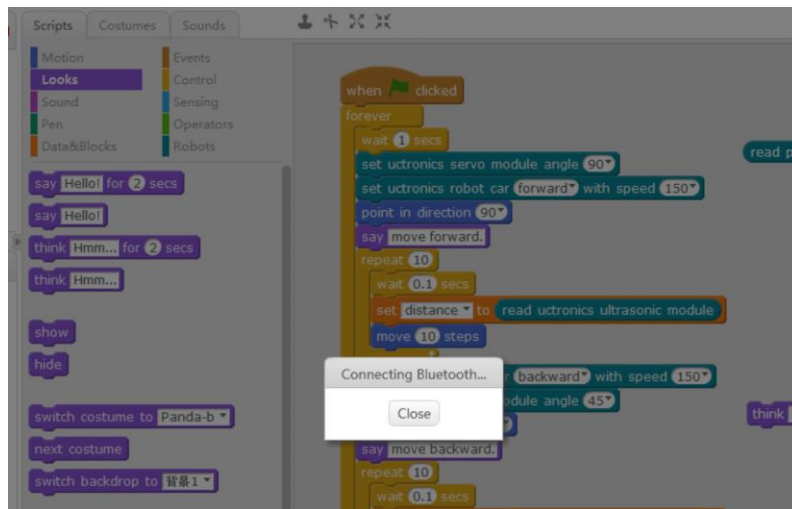
Then click Close.

Step14: Start and stop your program.