

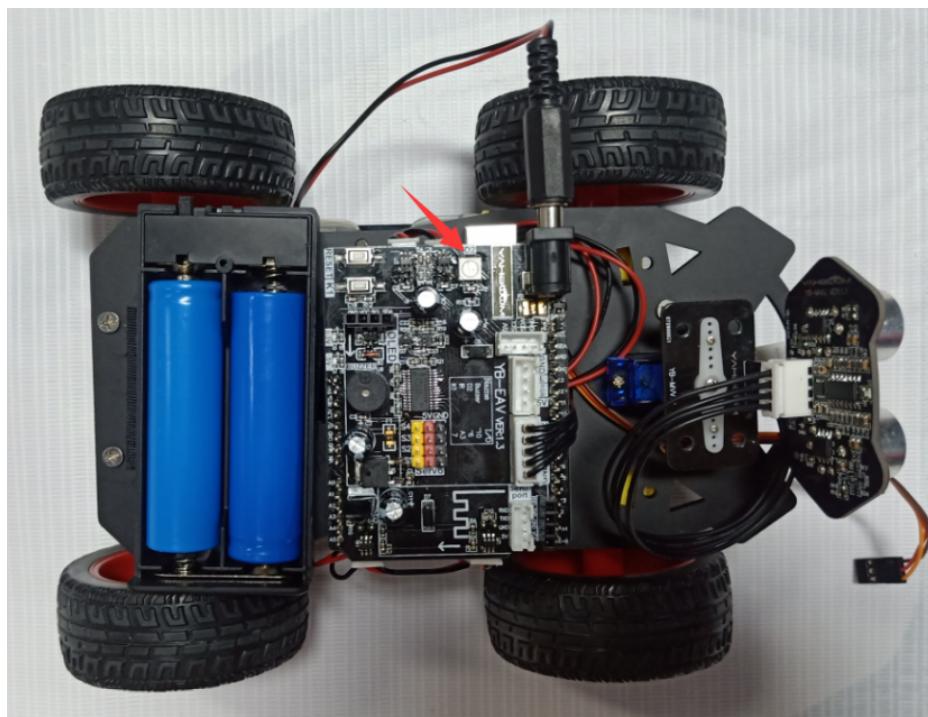
## Scratch course ---4.On board RGB

### 1. Learning goal

In this lesson, we will learn how to control the On board RGB light by graphically programming .

### 2. Preparation

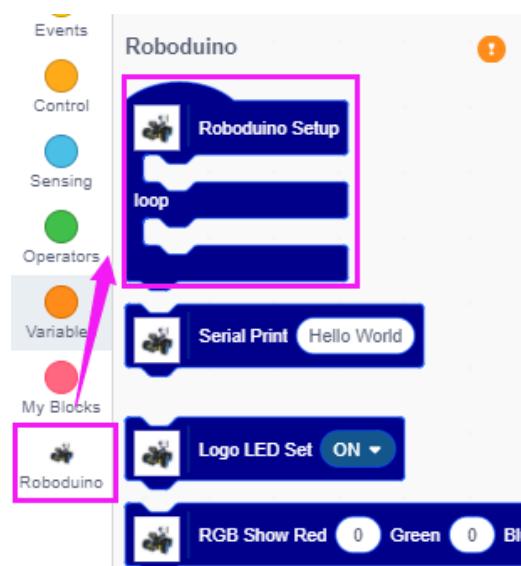
2.1 The position of the RGB light on the expansion board. As shown below.

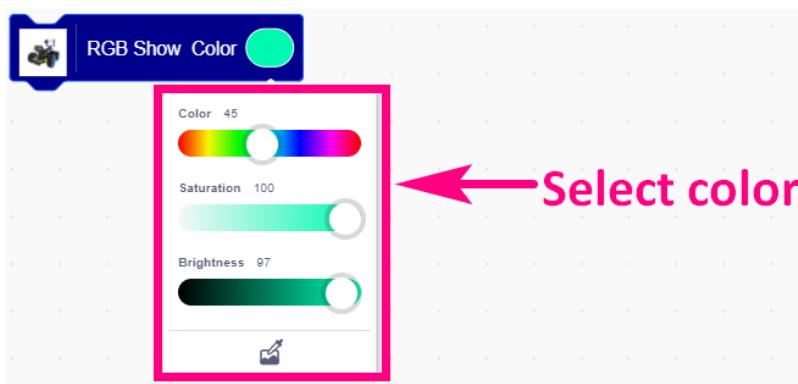
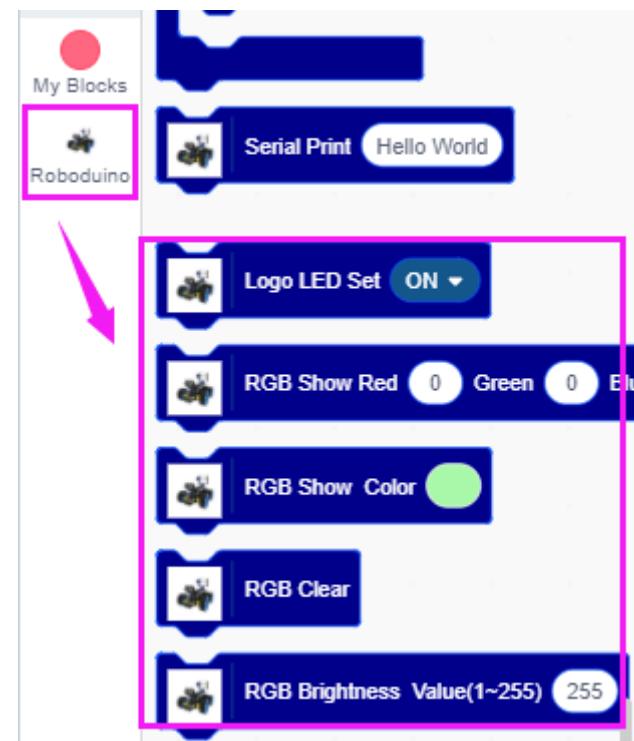


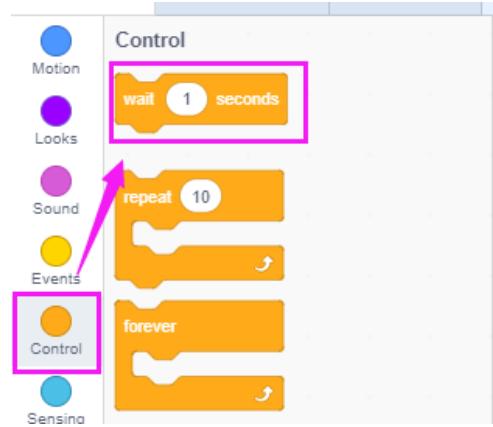
2.2 Learn how to use RGB Show graphically program building blocks.

### 3. Search for blocks

The following is the location of the building blocks required for this programming.





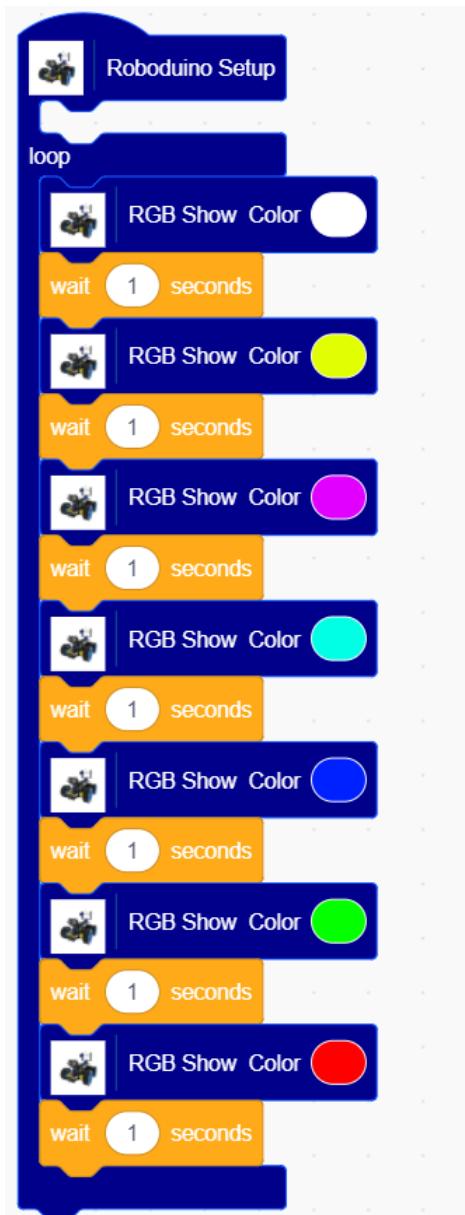


## 4. Combine blocks

**Method 1:**



**Method 2:**



## 5. Experimental phenomena

After the program is downloaded, we can see that On board RGB of expansion board will light up white-->yellow-->purple-->cyan-->blue-->green-->red-->off.