

## Scratch course ---5.Ultrasonic RGB

### 1. Learning goal

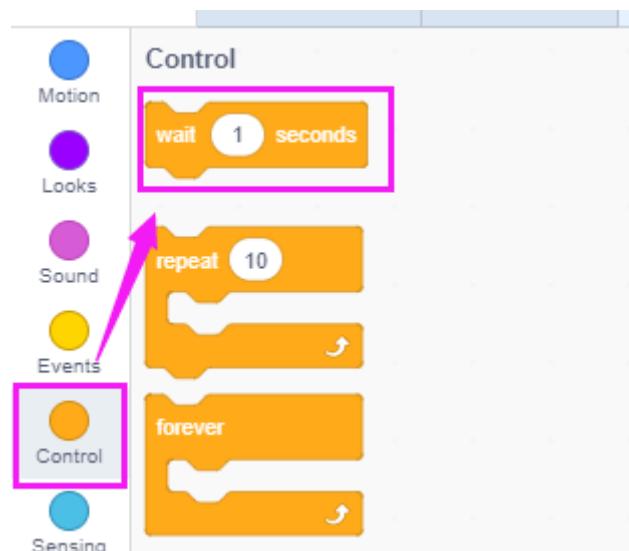
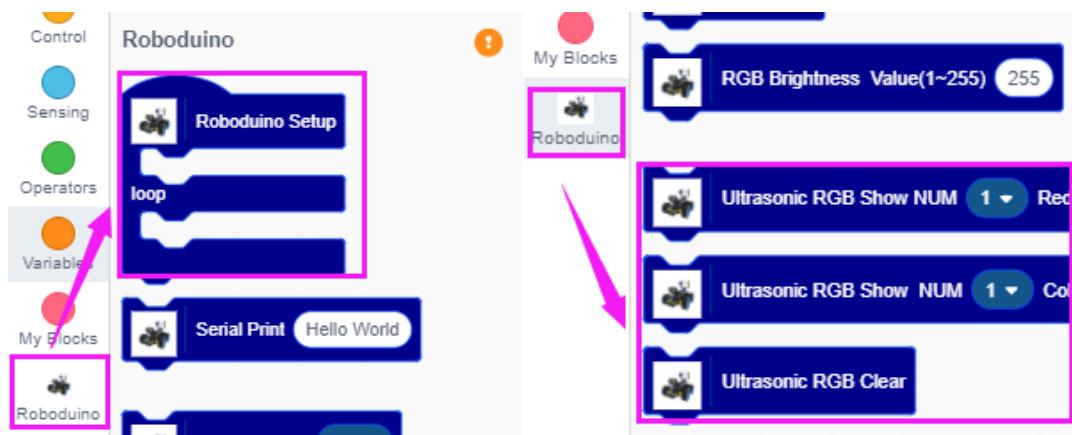
In this lesson, we will learn how to control the RGB light of the ultrasonic module by graphically programming .

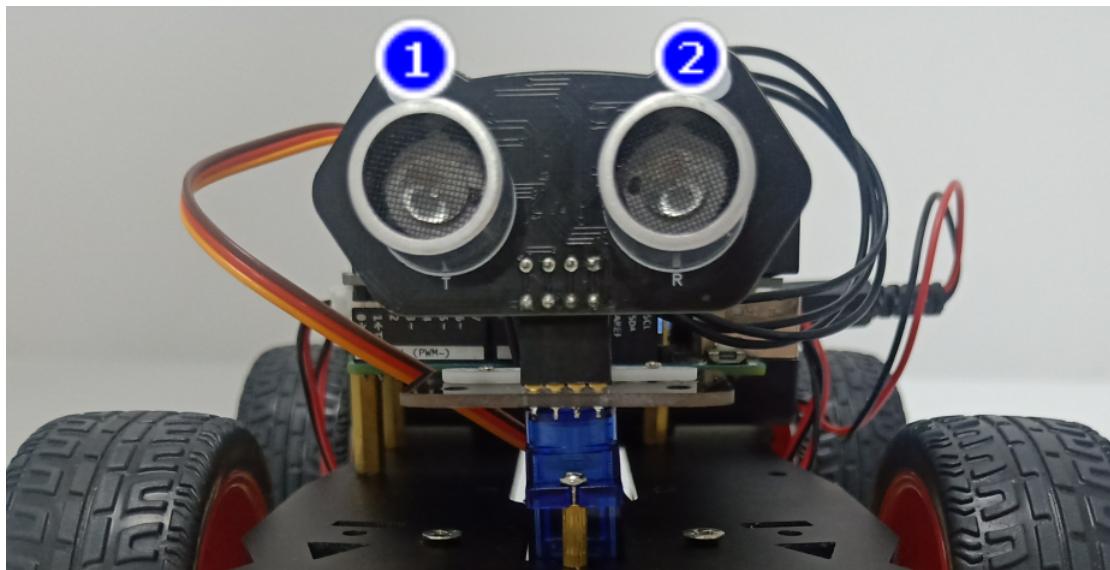
### 2. Preparation

- 2.1 The position of the RGB light of the ultrasonic module.
- 2.2 Learn how to use ultrasonic RGB light graphically program building blocks.

### 3. Search for blocks

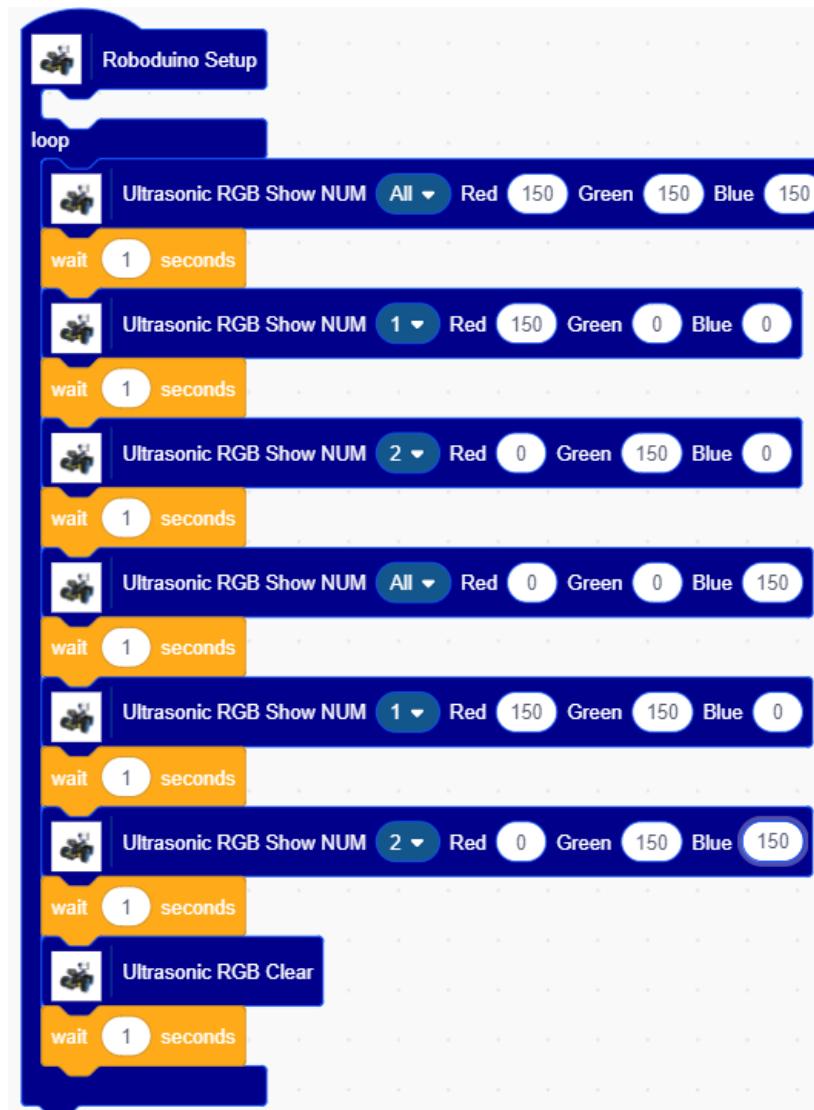
The following is the location of the building blocks required for this programming.



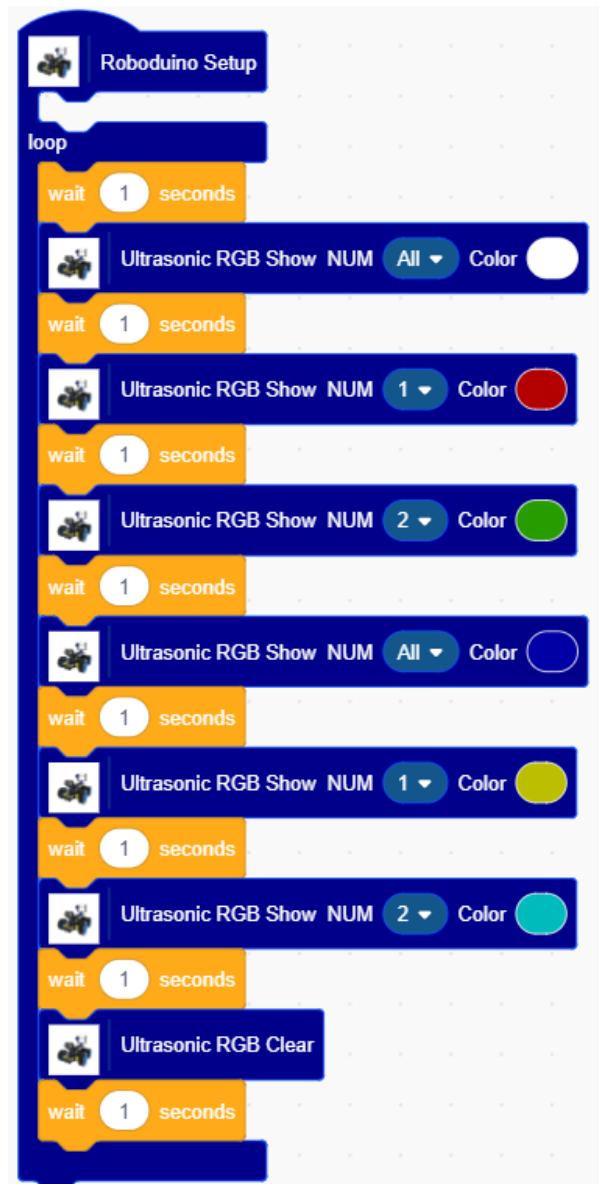


#### 4. Combine blocks

Method 1:

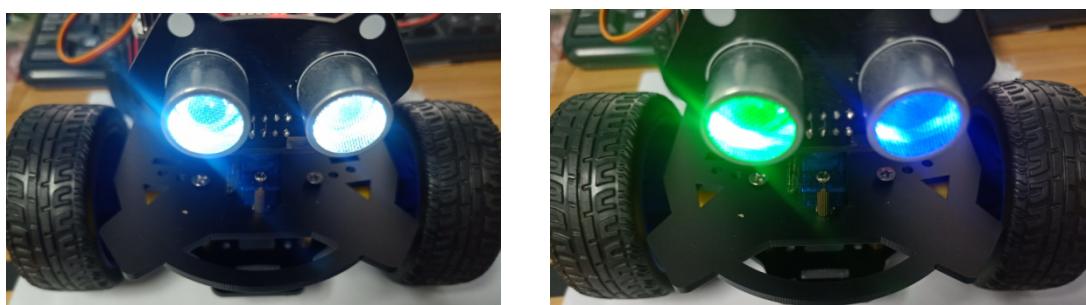


Method 2:



## 5. Experimental phenomena

After the program is downloaded, we can see that RGB light of the ultrasonic module will light up White(all) -->red(num 1) -->green(num 2) -->blue(all) -->yellow(num1) -->cyan(num2). As shown below.



YAHBOOM

