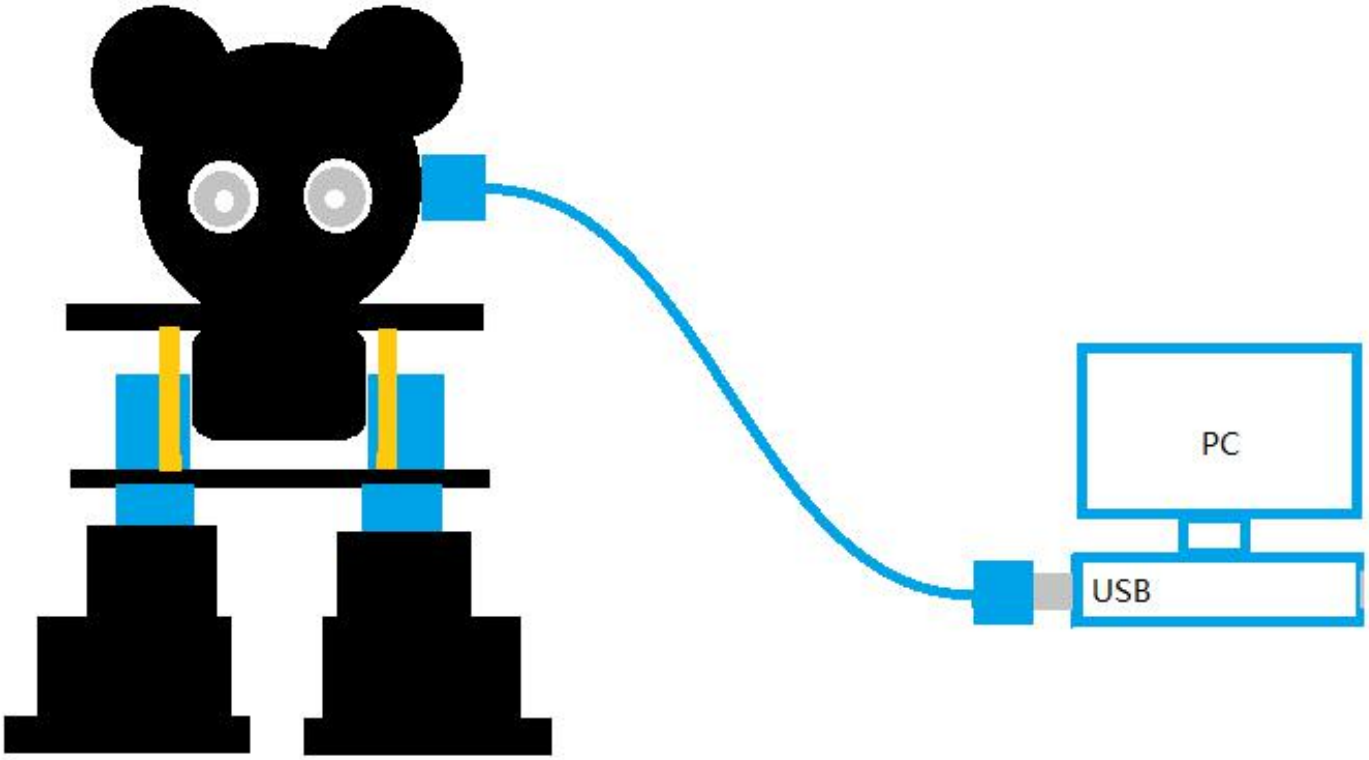
Bluetooth Controlled Robot

Need to prepare:

- A Installed balance car
- 2 18650 lithium batteries
- A Android phone
- A USB cable

Note: When uploading the code, please do not install the Bluetooth module on the robot, otherwise the code will not upload.

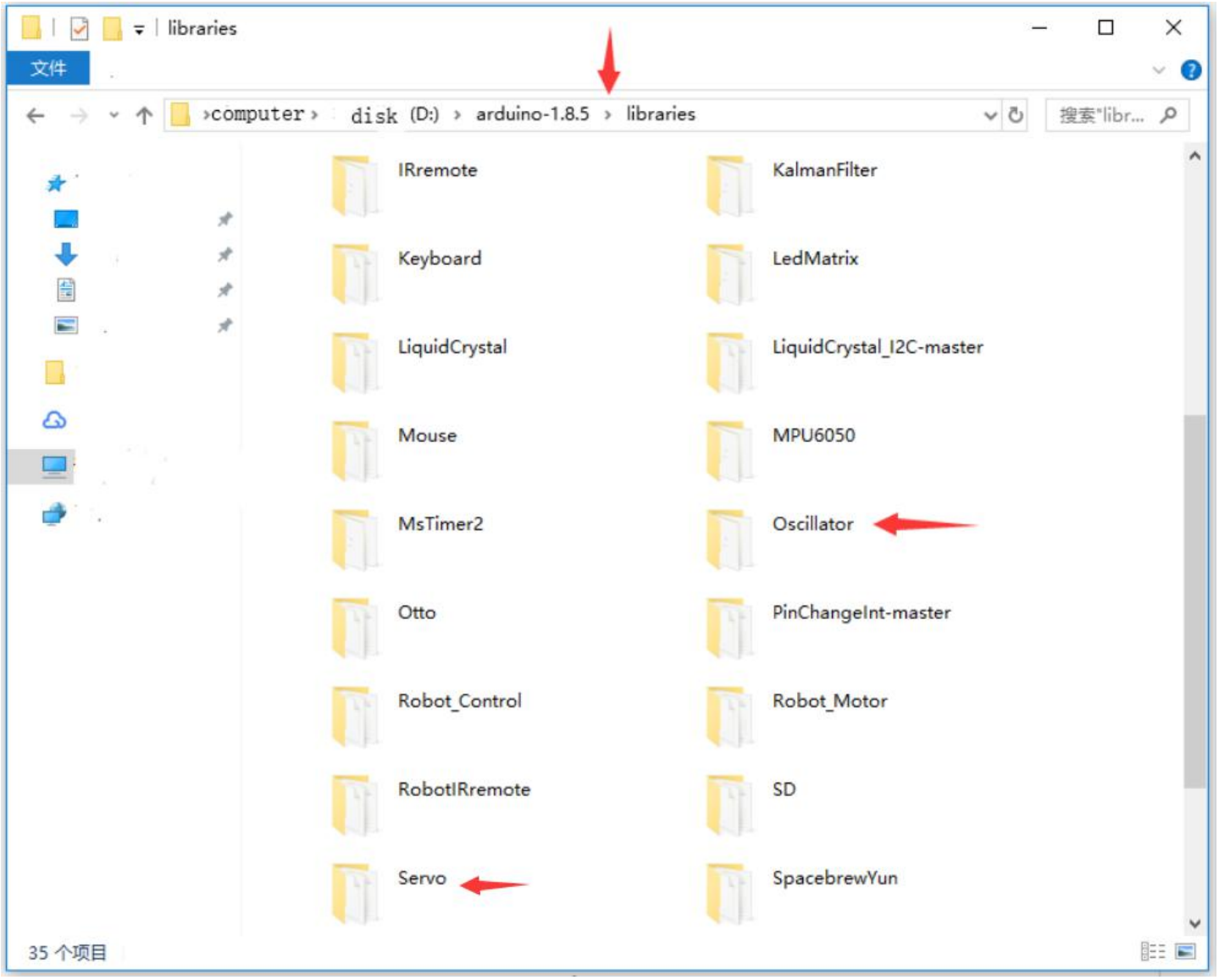
1.Connect the robot and computer



2.Install library file:

First, copy the "Oscillator" and Servo "" library files under the "libraries" file to the "libraries"

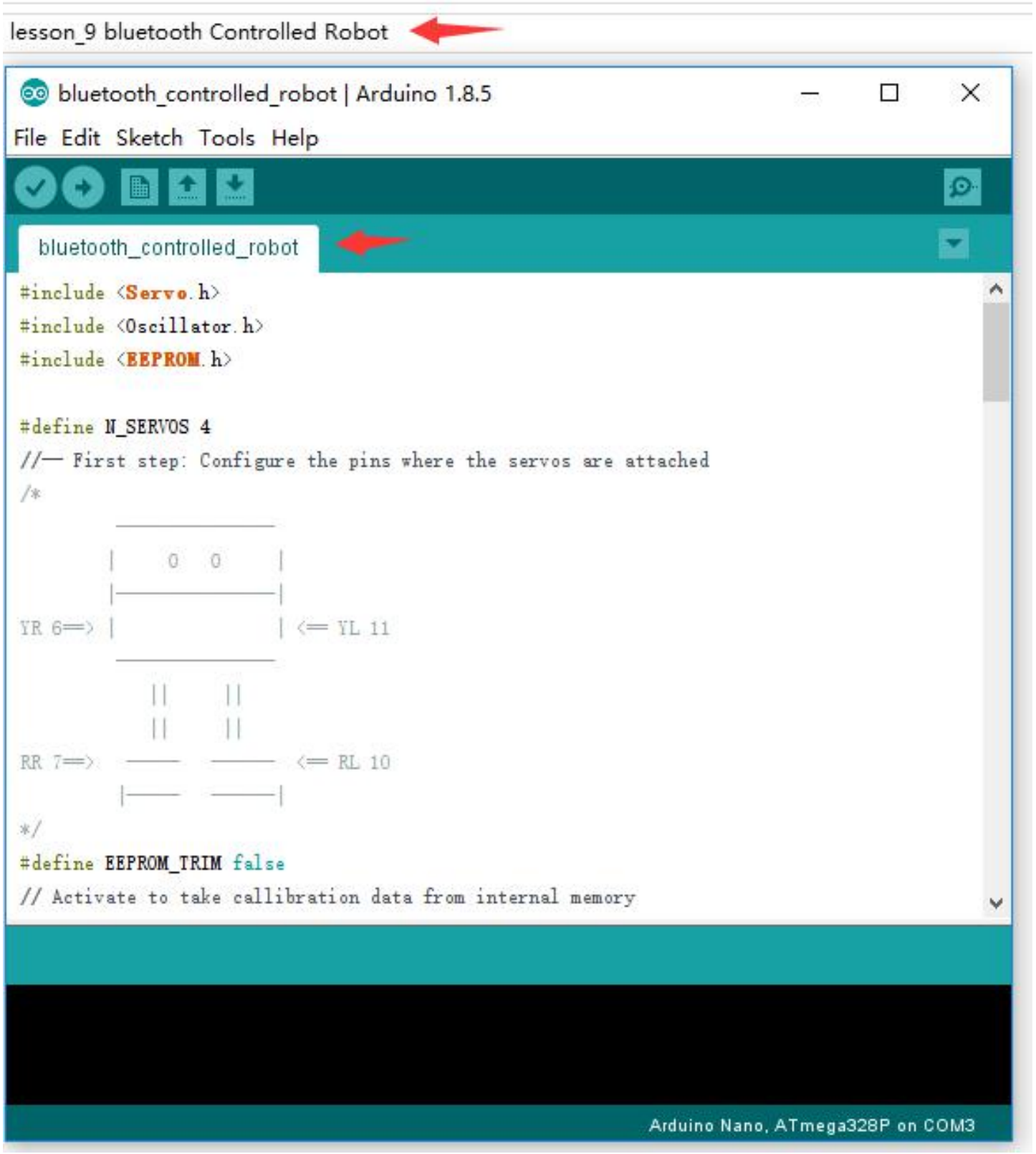
file in the ardino IDE installation directory, as shown below:



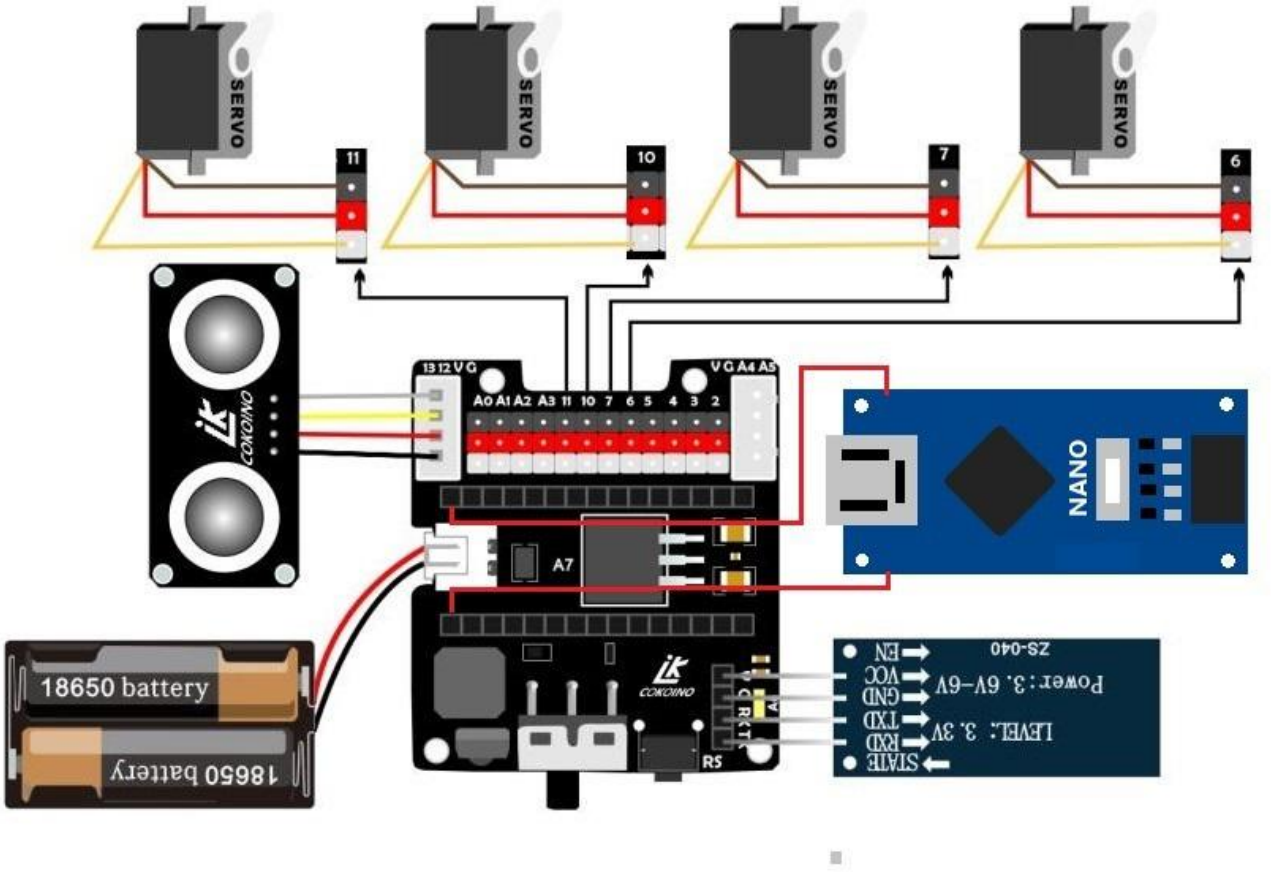
3.Upload the sample code

Then use the arduino IDE to open the code stored in the >bluetooth_controlled_robot folder, as shown below:

Note: When uploading the code, please do not install the Bluetooth module on the robot, otherwise the code will not upload.

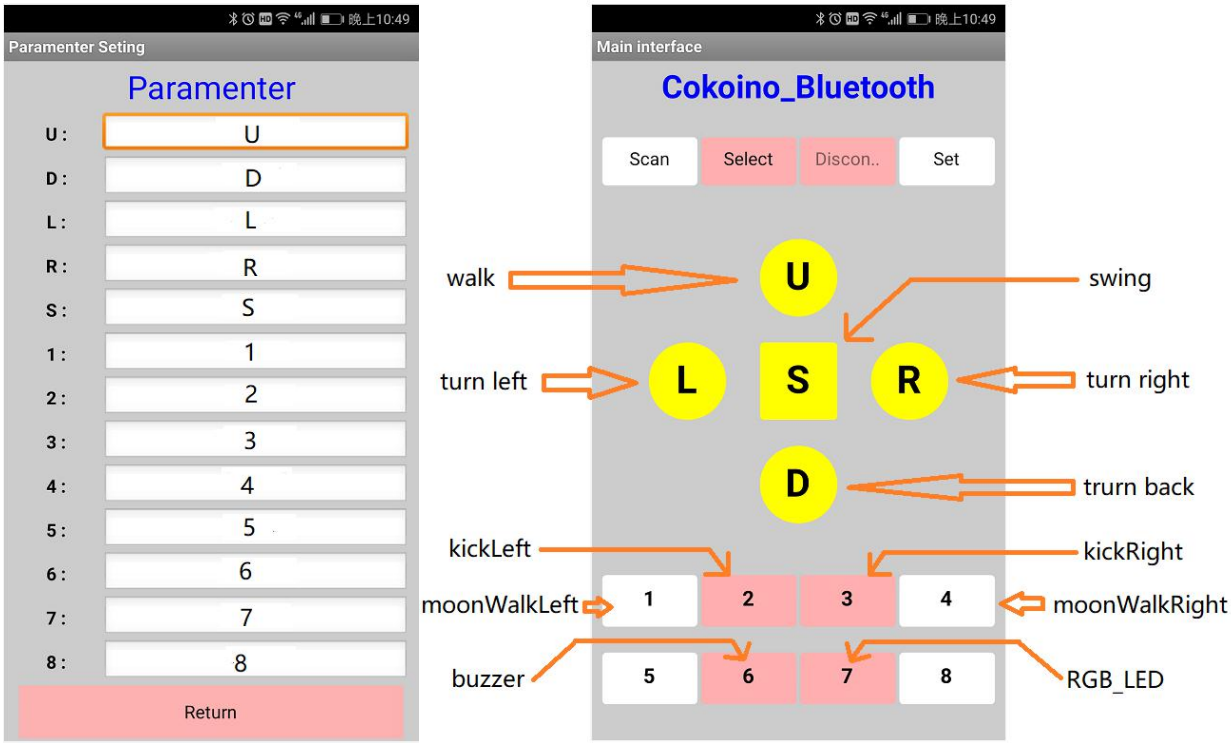


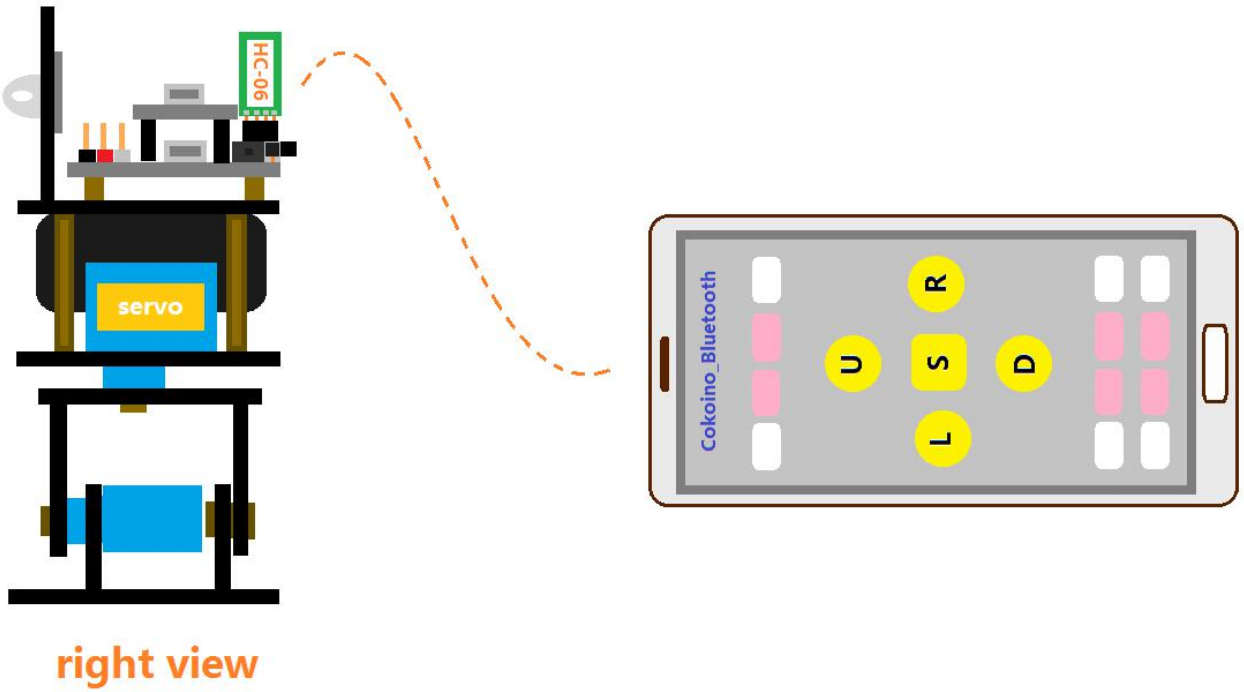
Install the 18650 lithium battery, plug in the Bluetooth module, and turn on the robot's power switch of the shield.



4.Set mobile APP parameters

Please refer to the Lesson 3 - HC-06 Bluetooth module to install and connect the Bluetooth module, open the parameter setting page, and set the parameters as shown below:





right view