This chassis cannot be mechanically turned in structural design, and to achieve the turning function, the speed of the left and right wheels needs to be controlled. If we control the left wheel speed to be faster than the right wheel through code, the car will achieve a right turn; By controlling the left wheel speed to be slower than the right wheel through code, the car will achieve a left turn; By controlling the left and right wheel speeds through code to be consistent, but with opposite turns, the car will turn around or rotate in place.

**For assembly instructions for this product, please refer to "3 How to Assemble the 4WD Car Chassis"**

**This kit is just a 4WD chassis and does not include a control board and some other electronic modules.**
**The experiments 1 to 5 in the Tutorial Arduino package are all based on a 4WD chassis, and you need to prepare an Arduino UNO R3 board and some other electronic modules to implement some functions.**

## Tutorial save:

For the convenience of using and querying tutorials in the future, it is recommended to put the downloaded files in a local folder on the computer. For example, we put the folder in E:\CKK0011-main

## The type of battery you need to prepare

-You need to prepare two 18650 batteries with sufficient power

**Suggestions for purchasing 18650 batteries:**
18mm in diameter, 65mm in length;
Cylindrical battery with a top;
Rechargeable;
Voltage 3.7V, charging termination voltage 4.2V;
Capacity 2000mAh--4000mAh.