Through this experiment, we learned that the measurement of the IMU sensor is not that simple, because of the uncertainty of acceleration and angular velocity during the measurement, we need to use the encoder sensor to establish a true value, and the measurement of the IMU is not so accurate, we need to change the code to reduce its error, or combine with other sensors to correct its error. In general, this project makes us understand how to use Adurino and the connection skills of sensors, which is very meaningful and valuable practical experience.