#include <AFMotor.h>

AF\_DCMotor right\_motor(1, MOTOR12\_1KHZ);

AF\_DCMotor left\_motor(2, MOTOR12\_1KHZ);

AF\_DCMotor cutter\_motor(3, MOTOR12\_1KHZ);

String readString;

#define cutter 13

void setup() {

Serial.begin(9600);

right\_motor.setSpeed(255);

left\_motor.setSpeed(255);

cutter\_motor.setSpeed(255);

pinMode(cutter,OUTPUT);

}

char c;

void loop() {

if(Serial.available()){

delay(10);

c=Serial.read();

}

Serial.println(c);

switch(c){

case 'F':

right\_motor.run (FORWARD);

left\_motor.run (FORWARD);

delay(50);

Serial.println("frwd");

break;

case 'B':

right\_motor.run (BACKWARD);

left\_motor.run (BACKWARD);

delay(50);

break;

case 'L':

right\_motor.run (FORWARD);

left\_motor.run (BACKWARD);

delay(50);

break;

case 'R':

right\_motor.run (BACKWARD);

left\_motor.run (FORWARD);

delay(50);

break;

case 'G':

digitalWrite(cutter,HIGH);

cutter\_motor.run(FORWARD);

delay(10);

break;

case 'H':

cutter\_motor.run(RELEASE);

digitalWrite(cutter,LOW);

delay(10);

break;

case 'S':

right\_motor.run (RELEASE);

left\_motor.run (RELEASE);

delay(50);

break;

default:

digitalWrite(cutter,LOW);

right\_motor.run (RELEASE);

left\_motor.run (RELEASE);

delay(50);

break;

}

}