#include <AFMotor.h>

AF\_DCMotor right\_motor(1, MOTOR12\_8KHZ);

AF\_DCMotor left\_motor(2, MOTOR12\_8KHZ);

AF\_DCMotor three\_motor(3, MOTOR12\_8KHZ);

String readString;

//motor

void setup() {

Serial.begin(9600);

right\_motor.setSpeed(255);

left\_motor.setSpeed(255);

three\_motor.setSpeed(255);

}

void loop()

{

while(Serial.available()){

delay(50);

char c=Serial.read();

readString+=c;

}

//bloutoth

if(readString.length()>0){

Serial.println(readString);

if (readString =="FORWARD"){ //forward

right\_motor.run (FORWARD);

left\_motor.run (FORWARD);

delay(500);

}

if (readString =="BACKWARD"){ //backward

right\_motor.run (BACKWARD);

left\_motor.run (BACKWARD);

delay(500);

}

if (readString =="LEFT"){ //left

right\_motor.run (FORWARD);

left\_motor.run (BACKWARD);

delay(500);

}

if (readString =="RIGHT"){ //right

right\_motor.run (BACKWARD);

left\_motor.run (FORWARD);

delay(500);

}

if (readString =="STOP"){ //stop

right\_motor.run (RELEASE);

left\_motor.run (RELEASE);

delay(500);

}

if (readString =="RUN WATER"){ //ON Water Pump

three\_motor.run (FORWARD);

delay(500);

}

if (readString =="STOP WATER"){ //OFF Water Pump

three\_motor.run (RELEASE);

delay(500);

}

readString="";

}

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left\_motor.run (BACKWARD);

delay(500);

}

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right\_motor.run (FORWARD);

left\_motor.run (BACKWARD);

delay(500);

}

if (readString =="RIGHT"){ //right

right\_motor.run (BACKWARD);

left\_motor.run (FORWARD);

delay(500);

}

if (readString =="STOP"){ //stop

right\_motor.run (RELEASE);

left\_motor.run (RELEASE);

delay(500);

}

if (readString =="RUN WATER"){ //ON Water Pump

three\_motor.run (FORWARD);

delay(500);

}

if (readString =="STOP WATER"){ //OFF Water Pump

three\_motor.run (RELEASE);

delay(500);

}

readString="";

}

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left\_motor.run (BACKWARD);

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left\_motor.run (FORWARD);

delay(500);

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three\_motor.run (FORWARD);

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delay(500);

}

readString="";

}

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