//摇杆部分

const int Rx=A0,Ry=A1; //摇杆模块x,y引脚

const int button=2;

int x=analogRead(Rx); //读取摇杆模块姿态

int y=analogRead(Ry);

//RGB部分

bool Rstate=false,Gstate=false,Bstate=false; //RGB三种颜色的状态，false为暗，true为亮

int R=11,G=12,B=13;

void setup() {

// put your setup code here, to run once:

Serial.begin(9600);

pinMode(R,OUTPUT);

pinMode(G,OUTPUT);

pinMOde(B,OUTPUT);

}

void loop() {

// put your main code here, to run repeatedly:

x=analogRead(Rx);

y=analogRead(Ry);

if(x<50)

{

digitalWrite(R, HIGH); //将摇杆向x轴正方向推，亮红灯

}

if(x>976)

{

digitalWrite(G, High); //将摇杆向x轴负方向推，亮绿灯

}

if(y<50)

{

digitalWrite(B, HIGH); //将摇杆向y轴正方向推，亮蓝灯

}

if(y>976)

{

digitalWrite(R, LOW);

digitalWrite(G, LOW);

digitalWrite(B, LOW); //将摇杆向y轴负方向推，灯灭

}

}