int red=8;

int yellow=9;

int green=10;

void setup() {

pinMode(red,OUTPUT);

pinMode(yellow,OUTPUT);

pinMode(green,OUTPUT);

Serial.begin(9600);

Serial.println();

}

void loop() {

Serial.println("enter letter\n r for red\n g for green\n y for yellow\n");

while(Serial.available() >=0)

{

char x=Serial.read();

if(x=='r')

{

digitalWrite(red,HIGH);

delay(1000);

digitalWrite(red,LOW);

delay(1000);

digitalWrite(yellow,LOW);

digitalWrite(green,LOW);

}

if(x=='y')

{

digitalWrite(red,LOW);

digitalWrite(yellow,HIGH);

delay(1000);

digitalWrite(yellow,LOW);

delay(1000);

digitalWrite(green,LOW);

break;

}

if(x=='g')

{

digitalWrite(red,LoW);

digitalWrite(yellow,LOW);

digitalWrite(green,HIGH);

delay(1000);

digitalWrite(green,LOW);

delay(1000);

break;

}

}

}