char mychar;

void setup()

{

Serial.begin(9600);

pinMode(9,OUTPUT);

pinMode(8,OUTPUT);

pinMode(7,OUTPUT);

pinMode(6,OUTPUT);

}

void loop()

{

Serial.println("enter which colour you want to Blink\n1.'b' for blue colour \n2.'g' for green colour \n3.'r' for red colour \n4. 'y' for yellow color");

while (Serial.available()>=0)

{

mychar = Serial.read();

if (mychar == 'r')

{

digitalWrite(9,HIGH);

delay(1000);

digitalWrite(9,LOW);

delay(1000);

digitalWrite(8,LOW);

digitalWrite(7,LOW);

digitalWrite(6,LOW);

}

if (mychar == 'g')

{

digitalWrite(8,HIGH);

delay(1000);

digitalWrite(8,LOW);

delay(1000);

digitalWrite(9,LOW);

digitalWrite(7,LOW);

digitalWrite(6,LOW);

}

if (mychar == 'y')

{

digitalWrite(7,HIGH);

delay(1000);

digitalWrite(7,LOW);

delay(1000);

digitalWrite(8,LOW);

digitalWrite(9,LOW);

digitalWrite(6,LOW);

}

if (mychar == 'b')

{

digitalWrite(6,HIGH);

delay(1000);

digitalWrite(6,LOW);

delay(1000);

digitalWrite(8,LOW);

digitalWrite(7,LOW);

digitalWrite(9,LOW);

}

}

}