int green=2;

int yellow=3;

int red=4;

int dg=5000;

int dy=2000;

int dr=5000;

// the setup function runs once when you press reset or power the board

void setup() {

// initialize digital pin LED\_BUILTIN as an output.

pinMode(green, OUTPUT);

pinMode(yellow, OUTPUT);

pinMode(red, OUTPUT);

}

// the loop function runs over and over again forever

void loop()

{

green\_light();

delay(dg);

yellow\_light();

delay(dy);

red\_light();

delay(dr);

}

void green\_light()

{

digitalWrite(green,HIGH);

digitalWrite(yellow,LOW);

digitalWrite(red,LOW);

}

void yellow\_light()

{

digitalWrite(green,LOW);

digitalWrite(yellow,HIGH);

digitalWrite(red,LOW);

}

void red\_light()

{

digitalWrite(green,LOW);

digitalWrite(yellow,LOW);

digitalWrite(red,HIGH);

}