CODE

ARDUNINO IDE

TRAFFIC LIGHT

SELECT THE BOARD:ARDUINO UNO

AND PORT NAME

{

Void setup()

pinMode (8,OUTPUT); //red

pinMode (10, OUTPUT); //yellow

pinMode(12, Output); //green

}

void loop(){

digitalWrite (8,HIGH); //turn on red for 3 sec

delay (3000);

digitalWrite(10,HIGH); //turn on yellow for 1 sec

delay (1000);

digitalWrite(8, LOW); //turn off red

digitalWrite(10,LOW); //turn off yellow

digitalWrite(12,HIGH); //turn on green for 3 sec

delay(3000);

diigitalWrite(12,LOW); //turn off green

delay (500);

digitalWrite(12,HIGH); //turn on green for 0.5 seconds

delay(500);

digitalWrite(12,LOW);

delay(500);

digitalWrite(12,HIGH); //turn on green for 0.5 seconds

delay(500);

digitalWrite(12,LOW);

delay(500);

digitalWrite(12,HIGH); //turn on green for 0.5 seconds

delay(500);

digitalWrite(12,LOW);

delay(1000);

AFTER THE CODE:

CLICK ON COMPILE AND UPLOAD