Assignment -1
Smart Street Light using Tinker CAD
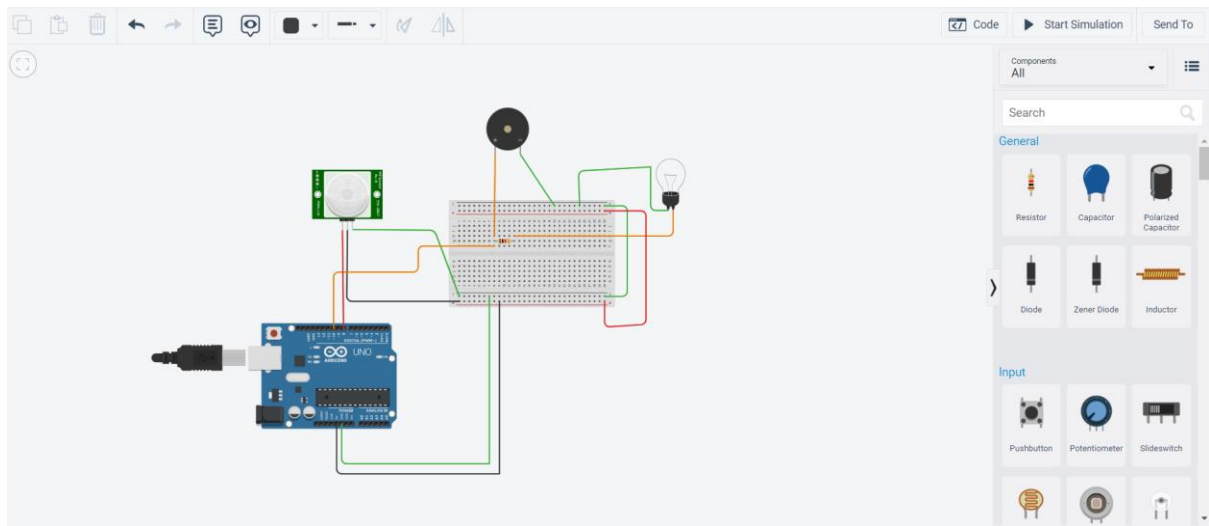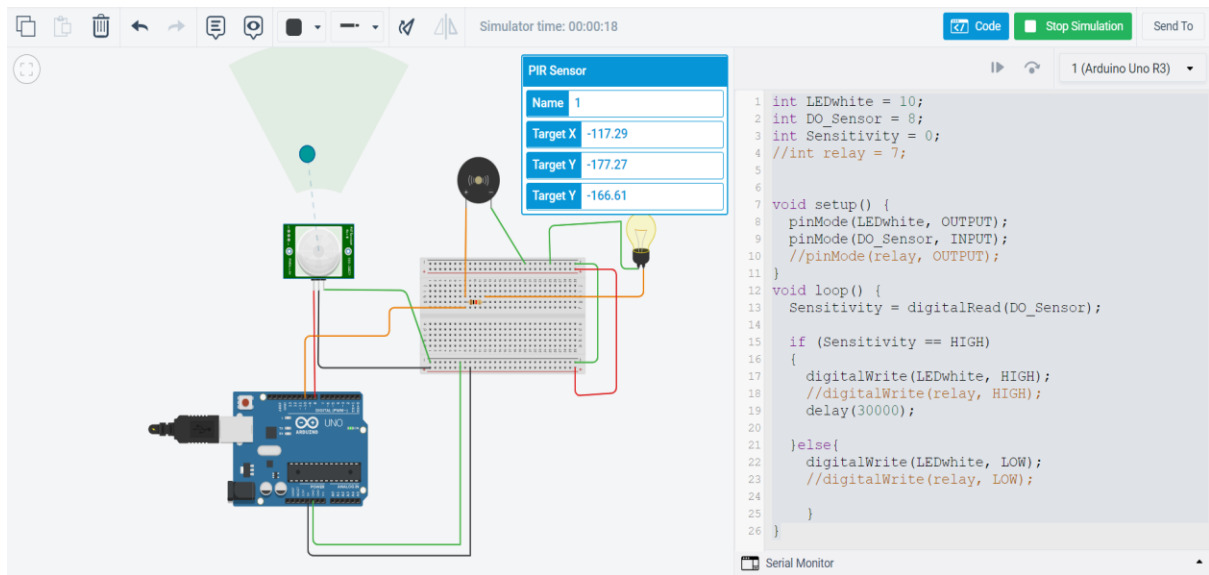
Assignment Date	19 September 2022
Student Name	Mr. L. Dhinakar
Student Roll Number	611219106014
Maximum Marks	2 Marks

Question-1:

Make a Smart Street Light in Tinker CAD, using 2+ sensors, Led, Buzzer in single code and circuit.

Solution:

```
int LEDwhite = 10;

int DO_Sensor = 8;

int Sensitivity = 0;

//int relay = 7;

void setup() {

  pinMode(LEDwhite, OUTPUT);

  pinMode(DO_Sensor, INPUT);

  //pinMode(relay, OUTPUT);

}

void loop() {

  Sensitivity = digitalRead(DO_Sensor);

  if (Sensitivity == HIGH)

  {

   digitalWrite(LEDwhite, HIGH);

   //digitalWrite(relay, HIGH);

   delay(30000);

  } else {

   digitalWrite(LEDwhite, LOW);

   //digitalWrite(relay, LOW);

   }

}
```

Link: https://www.tinkercad.com/things/8eni9Ie8zsj-assignment1/