

**Assignment -1**  
Home automation using Tinker CAD

Assignment Date	19 September 2022
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Maximum Marks	2 Marks

**Question-1:**

Assignment 1: Make a Smart Home 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)

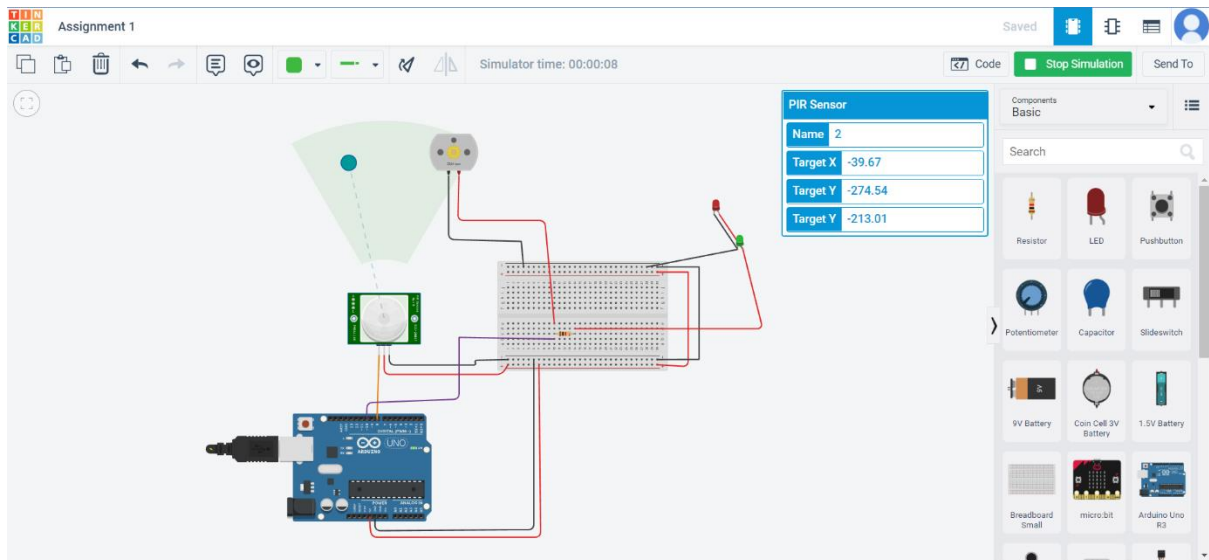
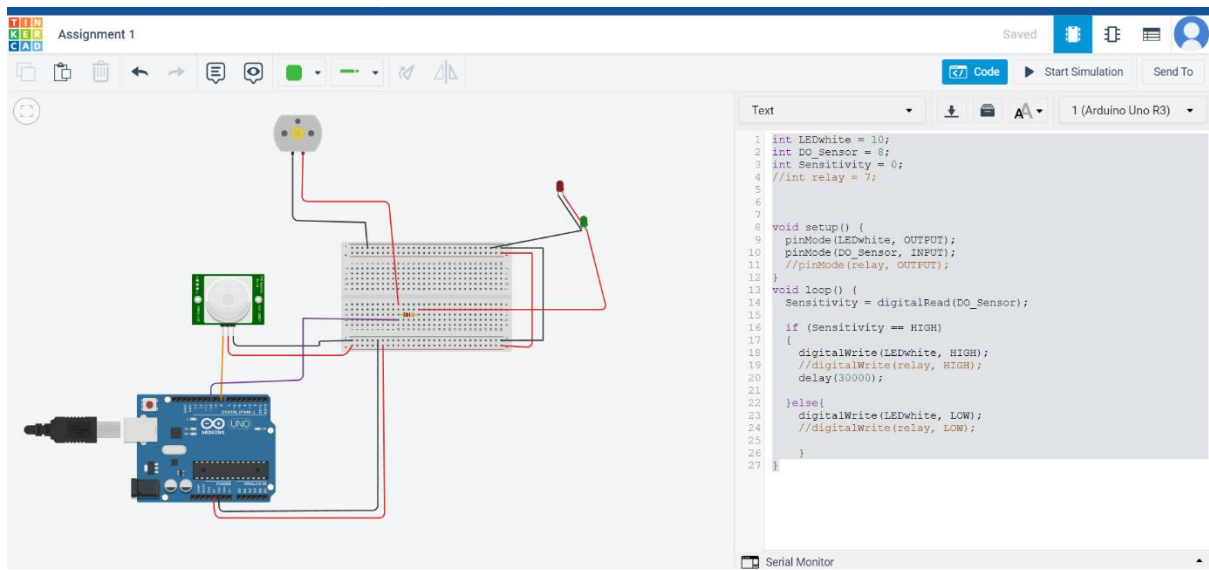
  }else{

    digitalWrite(LEDwhite, LOW);

    //digitalWrite(relay, LOW);

  }

}
```



Link: <https://www.tinkercad.com/things/belRjWxMIX-assignment-1>