

Assignment -1
Home automation using Tinker CAD

Assignment Date	19 September 2022
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Maximum Marks	2 Marks

Question-1:

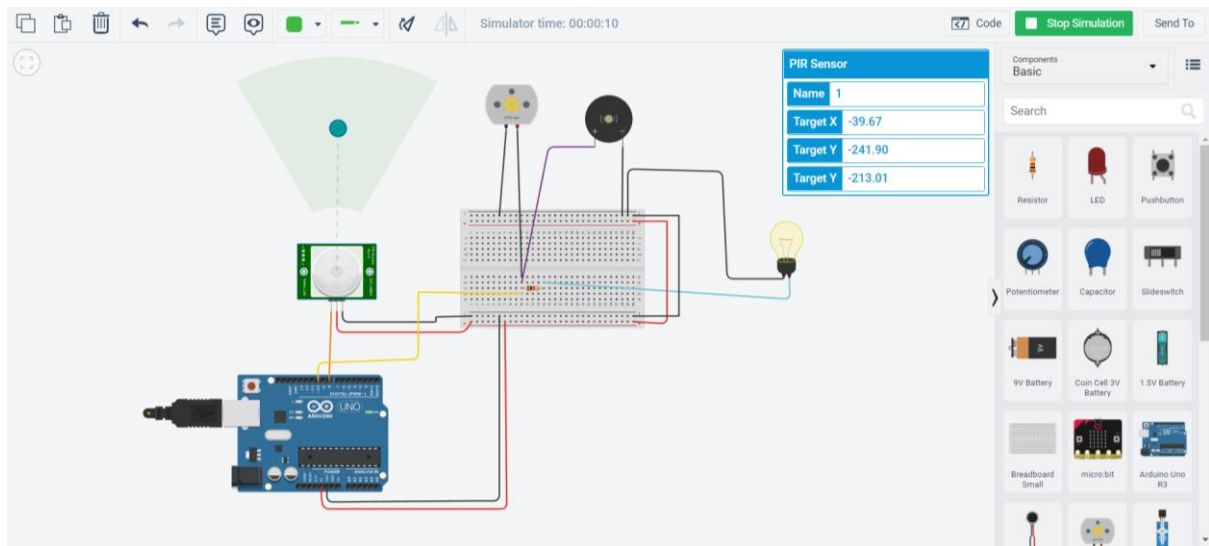
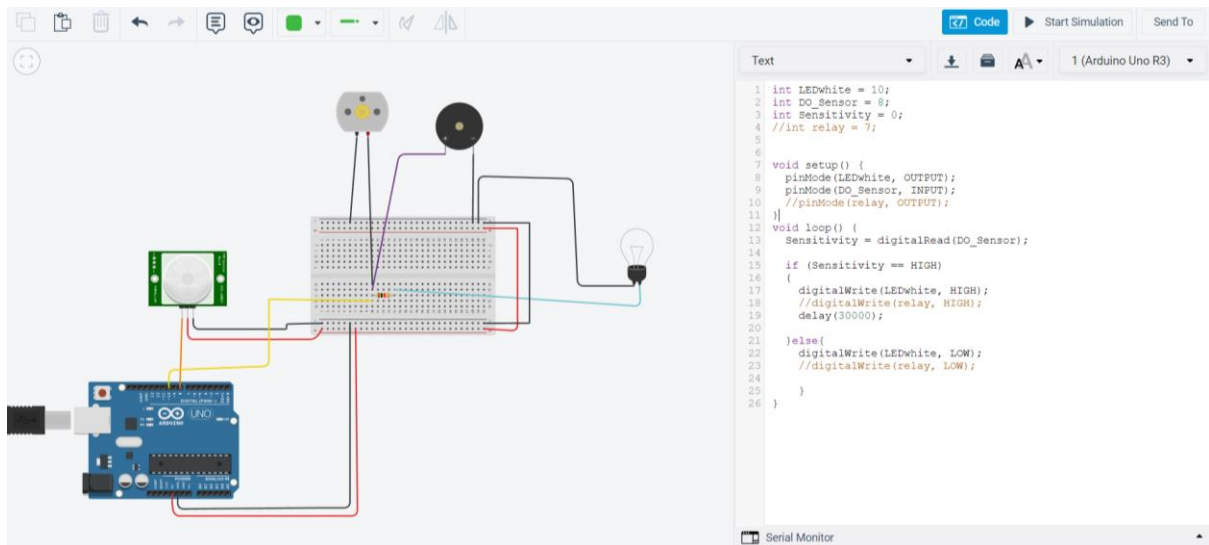
Make a Smart Home in Tinkercad, using 2+ sensors, Led, Buzzer in single code and circuit.

Solution:

```
int LEDwhite = 10;
int DO_Sensor = 8;
int Sensitivity = 0;

void setup() {
  pinMode(LEDwhite, OUTPUT);
  pinMode(DO_Sensor, INPUT);
}

void loop() {
  Sensitivity = digitalRead(DO_Sensor);
  if (Sensitivity == HIGH)
  {
    digitalWrite(LEDwhite, HIGH);
    delay(30000);
  }else{
    digitalWrite(LEDwhite, LOW);
  }
}
```



Link: <https://www.tinkercad.com/things/fC4Qe1hVYzm-ibmassignment1/>