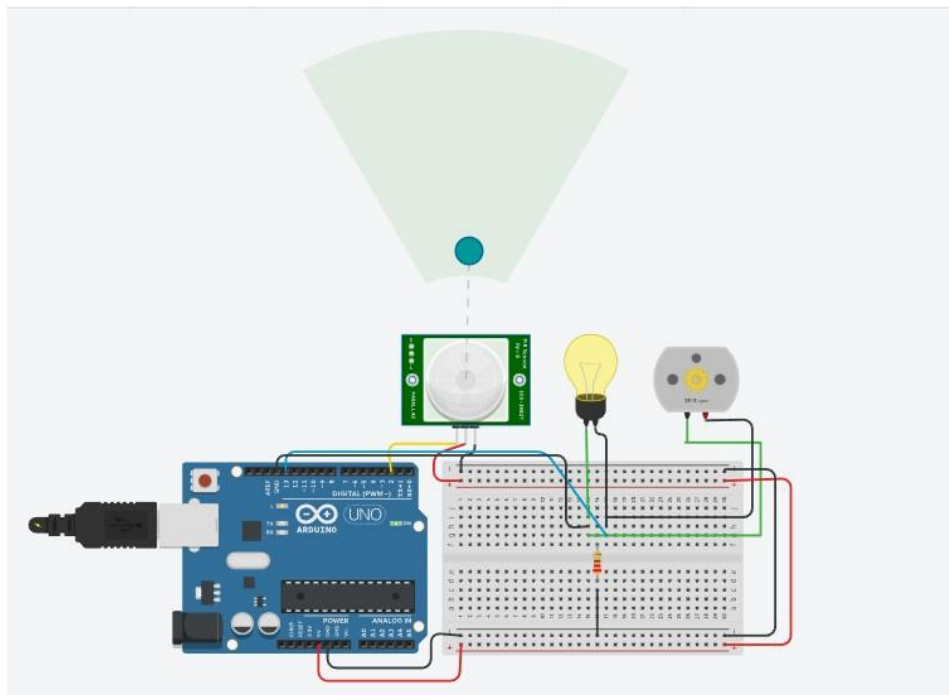


Assignment 1 HOME AUTOMATION

Assignment Date	28 September 2022
Student Name	Mr. Dhinakaran U
Student Roll Number	611219106016
Maximum Marks	2 Marks
Team ID	PNT2022TMID30278

CIRCUIT DIAGRAM:



Terrific Kieran

All changes saved

Simulator time: 00:00:58

Code
Stop Simulation
Send To

```

1 int pirsensor = 0;
2 void setup()
3 {
4   pinMode(13, OUTPUT);
5   pinMode(12, INPUT);
6 }
7 void loop()
8 {
9   pirsensor = digitalRead(2);
10  if (pirsensor==HIGH)
11  {
12    digitalWrite(13,HIGH);
13    delay(10000);
14  }
15  else
16  {
17    digitalWrite(13,LOW);
18    delay(120);
19  }
20 }

```

1 (Arduino Uno R3)

Program:

```
int pirsensor = 0;

void setup()

pinMode(13,OUTPUT);

pinMode(12,INPUT);

}

void loop()

{

pirsensor = digitalRead(2);

if (pirsensor==HIGH)

{

digitalWrite(13,HIGH);

delay(10000);

}

else

{

digitalWrite(13,LOW);

delay(120);

}

}
```