

Assignment -1

Assignment Date	17 September 2022
Student Name	M.YOGASRI
Student Roll Number	510119106012
Maximum Marks	2 Marks

Question-1:

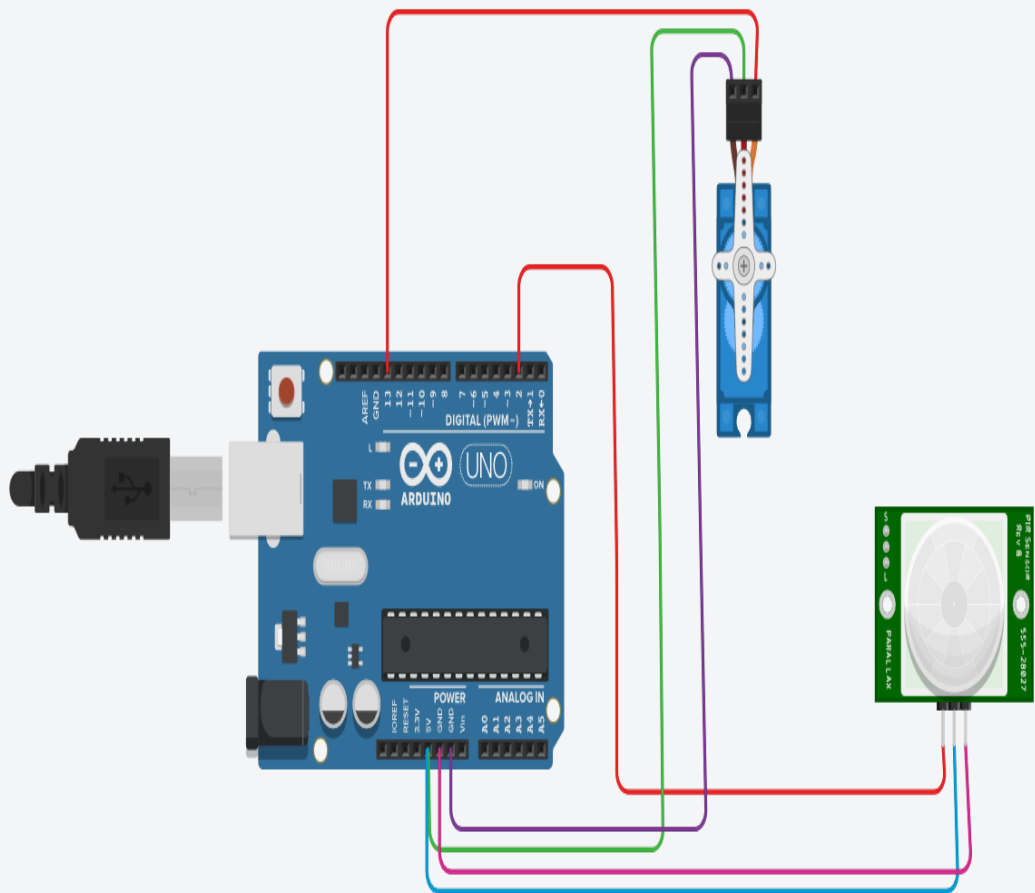
Home automation by using sensors:
AUTOMATE DOOR OPENING SYSTEM

PROGRAM:

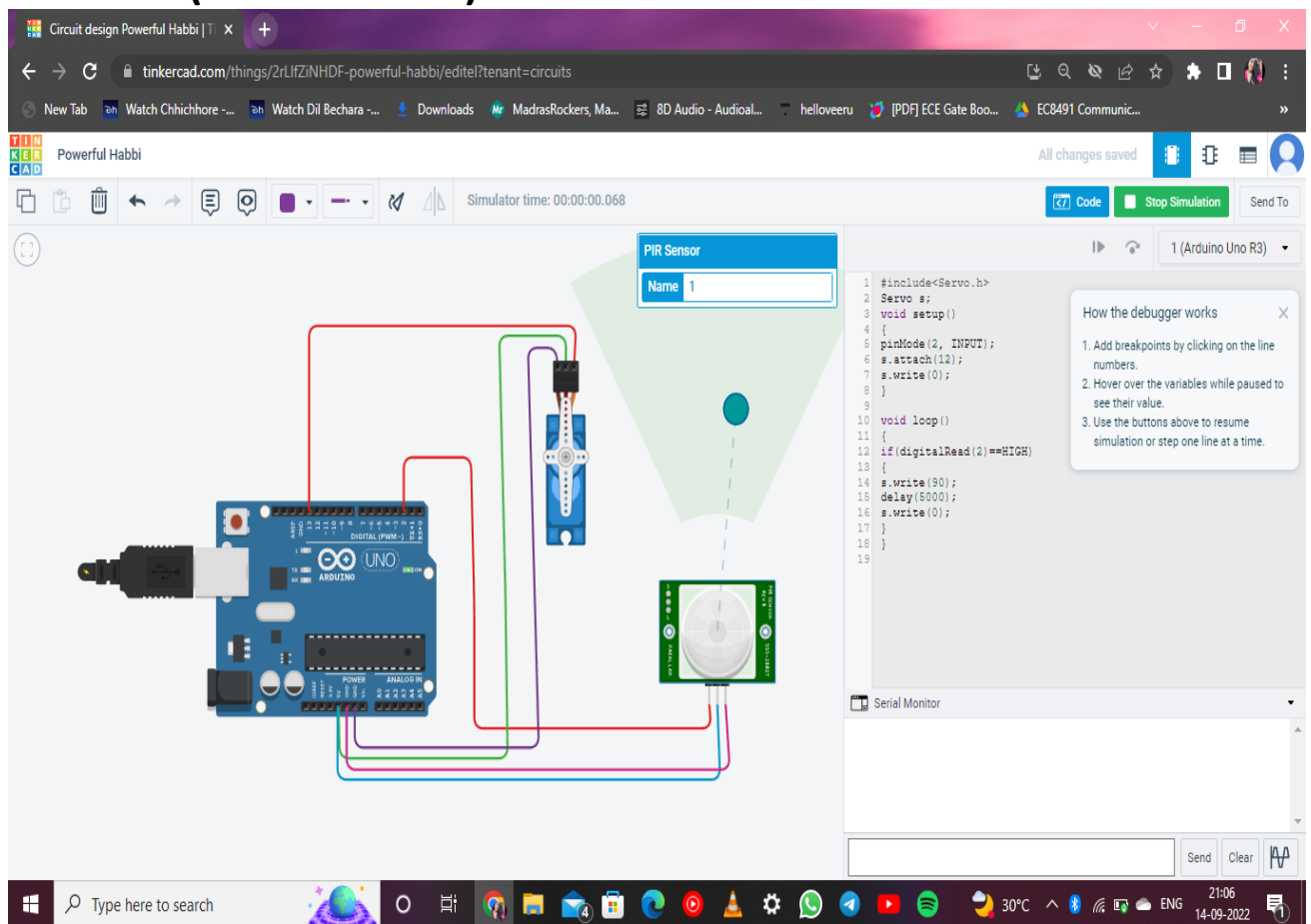
```
#include<Servo.h>
Servo s;
void setup()
{
  pinMode(2, INPUT);
  s.attach(12);
  s.write(0);
}

void loop()
{
  if(digitalRead(2)==HIGH)
  {
    s.write(90);
    delay(5000);
    s.write(0);
  }
}
```

CIRCUIT DIAGRAM:



OUTPUT (SCREENSHOT):



LINK-<https://www.tinkercad.com/things/2rLifZiNHDF-automate-door-opening-system->