

Experiment No. 14

Title: Understanding the connectivity of Raspberry-Pi /Arduino circuit with IR sensor. Write an Application to detect obstacle and notify user using LED's.

Roll No:SAI&DC75 Batch: S9

Date of Performance: __ / __ / __ __ __ __

Date of Assessment: __ / __ / __ __ __ __

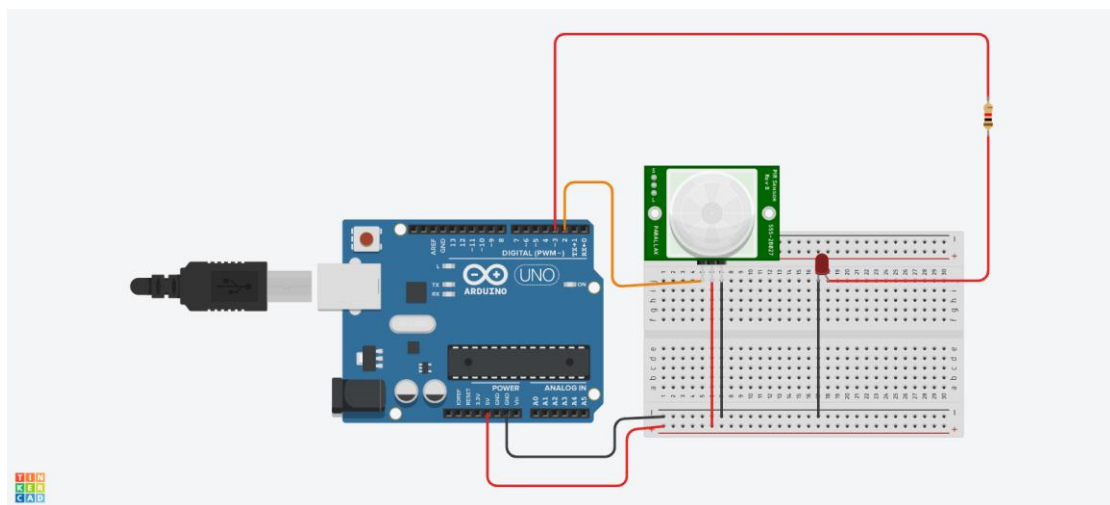
Particulars	Marks
Attendance (05)	
Journal (05)	
Performance (05)	
Understanding (05)	
Total (20)	
Signature of Staff Member	

Program:-

```
void setup()
{
    pinMode(2, INPUT);
    pinMode(3,OUTPUT);
}

void loop()
{
    digitalWrite(3, LOW);
    int read=digitalRead(2);
    if(read == HIGH)
    {
        digitalWrite(3,HIGH);
        delay(1000);
    }
    delay(1000);
}
```

Circuit Diagram:-



Output:-

