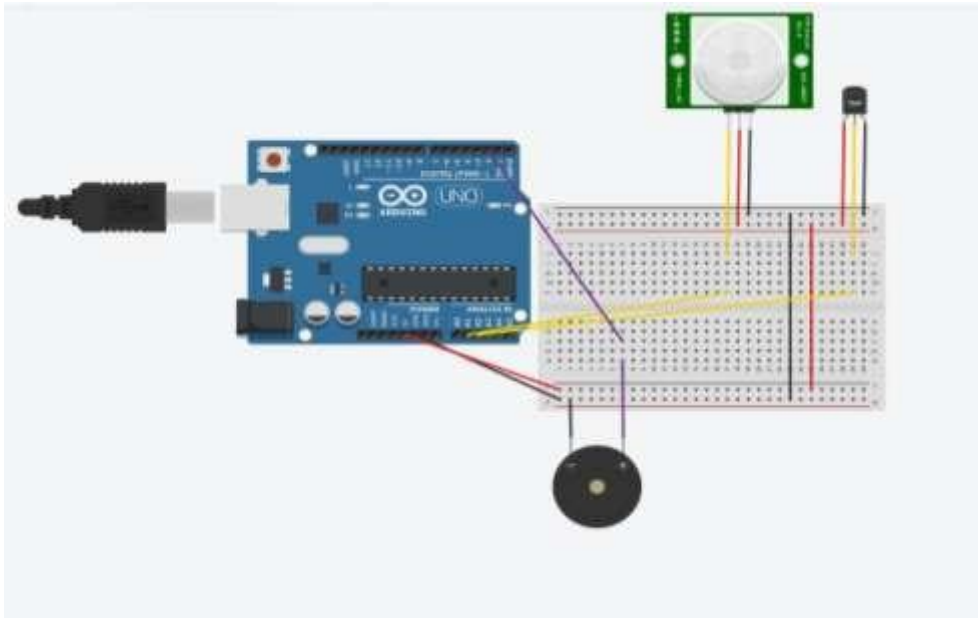


Assignment-1

Smart Home



CODE :

```
int Buzzer= 2; int Temperature_sensor=  
A2; int PIR= A1; int val1= 0; int val2=  
0; void setup() { pinMode(Buzzer,  
OUTPUT);  
pinMode(Temperature_sensor, INPUT);  
pinMode(PIR, INPUT);  
Serial.begin(9600);  
}  
void loop() { val1 = analogRead(PIR); val2  
= analogRead(Temperature_sensor);
```

```
float temp = ( val2/1024.0)*5000; float  
cel = temp/10; if(val1 == HIGH)  
{  
    digitalWrite(Buzzer, HIGH);  
}  
else if(cel > 60)  
{  
    digitalWrite(Buzzer,HIGH);  
}  
else  
{  
    digitalWrite(Buzzer, LOW);  
}  
}
```