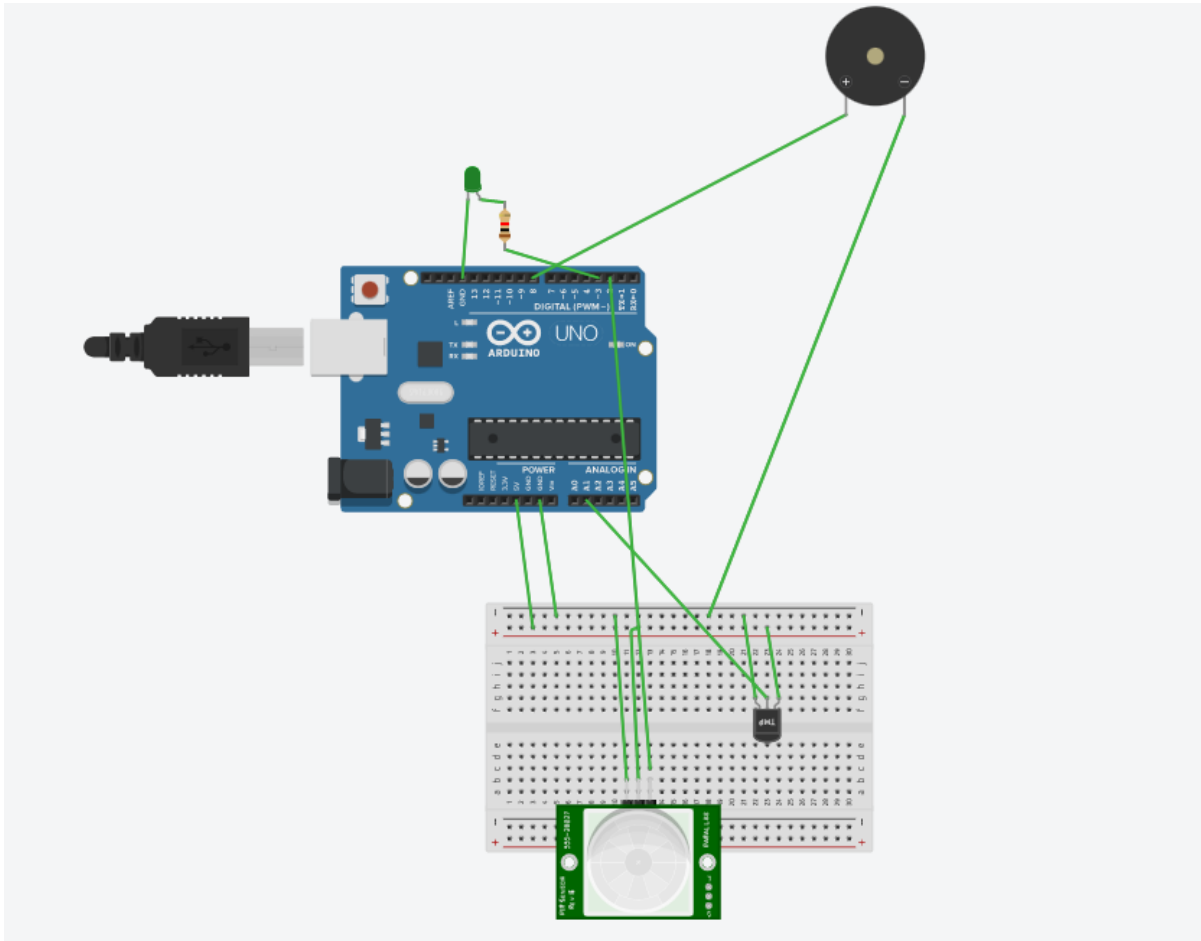


TINKERCAD USING PIR AND TEMPERATURE SENSOR



CODE

```
//arduino with pir and temperature sensor  
  
void setup()  
{ Serial.begin(9600);  
  pinMode(3, OUTPUT);  
  pinMode(8, OUTPUT);  
  pinMode(2, INPUT);
```

```
pinMode(A1,INPUT);
}
void loop()
{int value=0;
int value1;
value=digitalRead(3);
Serial.println(value);
value1=analogRead(A1);
value1=value1*0.48828125;
Serial.println(value1);
if(value ==LOW)
{

digitalWrite(3,HIGH);
Serial.print("LED GLOW");

}
else
{
digitalWrite(3,LOW);
Serial.print("LED OFF");
}
if (value1>25)
{digitalWrite(8,HIGH);}
else
{digitalWrite (8,LOW);
}
```

BLOCK DIAGRAM:

