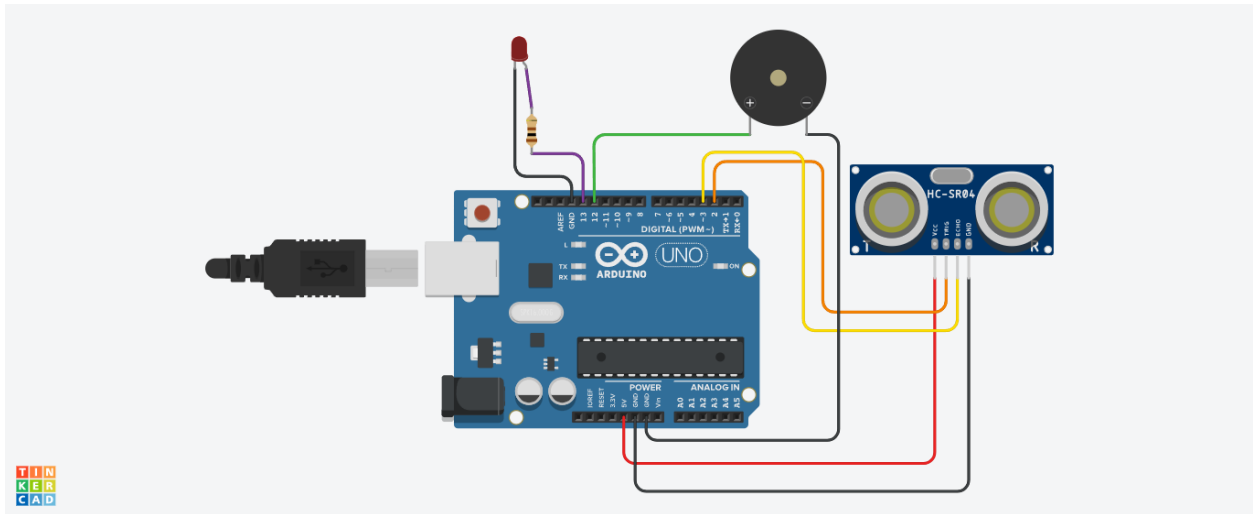


SMART HOME WITH SENSOR ,LED AND BUZZER



```
int t=2;

int e=3;

void setup()
{
  Serial.begin(9600);
  pinMode(t,OUTPUT);
  pinMode(e,INPUT);
  pinMode(13,OUTPUT);
  pinMode(12,OUTPUT);
}
```

```
void loop()
{
  digitalWrite(t,HIGH);
  delayMicroseconds(10);
  digitalWrite(t,LOW);
  float dur = pulseIn(e,HIGH);
  float dis = (dur*0.0343)/2;
  if (dis<=200)
  {
    Serial.println("object detected");
    Serial.println(12,HIGH);
    digitalWrite(13,HIGH);
    Serial.println("LED ON");
    delay(1000);
  }
  else
  {
    Serial.println("no object detected");
    digitalWrite(12,LOW);
    digitalWrite(13,LOW);
    delay(1000);
  }
}
```