CODE

```
int t=2;
int e=3;
void setup()
{
  pinMode(13,OUTPUT);
  pinMode(12,OUTPUT);
  pinMode(13,OUTPUT);
  pinMode(t,OUTPUT);
  pinMode(e,INPUT);
  Serial.begin(9600);
 }

void loop()
{
  {
 digitalWrite(13,HIGH);
  Serial.println("LED ON");
  }
  {tone(12,131);
   delay(1000);
  }
  {
    double a = analogRead(A0);
    double c = (((a/1024)*5)-0.5)*100;
    Serial.print("celsius value:");
    Serial.println(c);
    delay(1000);

  }
  {
    digitalWrite(t,LOW);
    digitalWrite(t,HIGH);
    delay(10);
    digitalWrite(t,LOW);
    float dur = pulseIn(e,HIGH);
    float dis = (dur*0.0343)/2;
    Serial.print("Distance is");
    Serial.println(dis);
  }
}
```

MODEL