Program:

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,LOW);

digitalWrite(t,HIGH);

delayMicroseconds(10);

digitalWrite(t,LOW);

float dur = pulseIn(e,HIGH);

float dis = (dur\*0.0343)/2;

Serial.print("distance : ");

Serial.println(dis);

double a = analogRead(A0);

Serial.print("Analog value : ");

Serial.println(a);

digitalWrite(13,HIGH);

Serial.print(" LED STATUS : ");

Serial.println("LED GLOW");

tone(12,30,1000);

}

