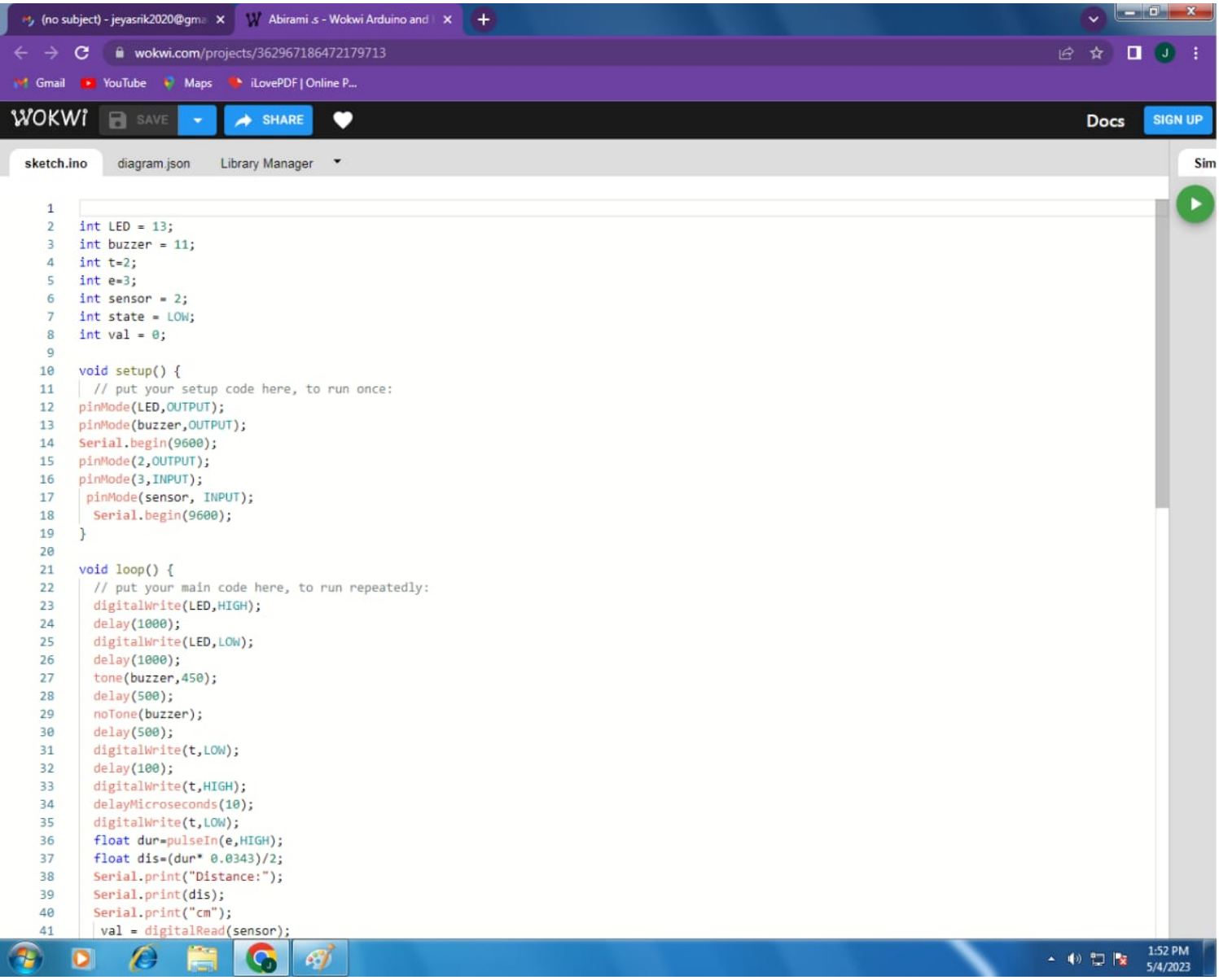
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sketch.ino
diagram.json
Library Manager
Sim
int LED = 13;
int buzzer = 11;
int t=2;
int e=3;
int sensor = 2;
int state = LOW;
int val = 0;
void setup() {
// put your setup code here, to run once:
pinMode(LED,OUTPUT);
pinMode(buzzer,OUTPUT);
Serial.begin(9600);
pinMode(2,OUTPUT);
pinMode(3,INPUT);
pinMode(sensor, INPUT);
Serial.begin(9600);
}
void loop() {
// put your main code here, to run repeatedly:
digitalWrite(LED,HIGH);
delay(1000);
digitalWrite(LED,LOW);
delay(1000);
tone(buzzer,450);
delay(500);
noTone(buzzer);
delay(500);
digitalWrite(t,LOW);
delay(100);
digitalWrite(t,HIGH);
delayMicroseconds(10);
digitalWrite(t,LOW);
float dur=pulseIn(e,HIGH);
float dis=(dur* 0.0343)/2;
Serial.print("Distance:");
Serial.print(dis);
Serial.print("cm");
val = digitalRead(sensor);
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sketch.ino diagram.json Library Manager Sim

```
  digitalWrite(t,LOW);
  float dur=pulseIn(e,HIGH);
  float dis=(dur* 0.0343)/2;
  Serial.print("Distance:");
  Serial.print(dis);
  Serial.print("cm");
  val = digitalRead(sensor);
  if (val == HIGH) {
delay(100);

    if (state == LOW) {
      Serial.println("Motion detected!");
      state = HIGH;
    }
  } else{
    delay(200);

      if (state == HIGH){
        Serial.println("Motion stopped!");
        state = LOW;
        }
  }
}

```

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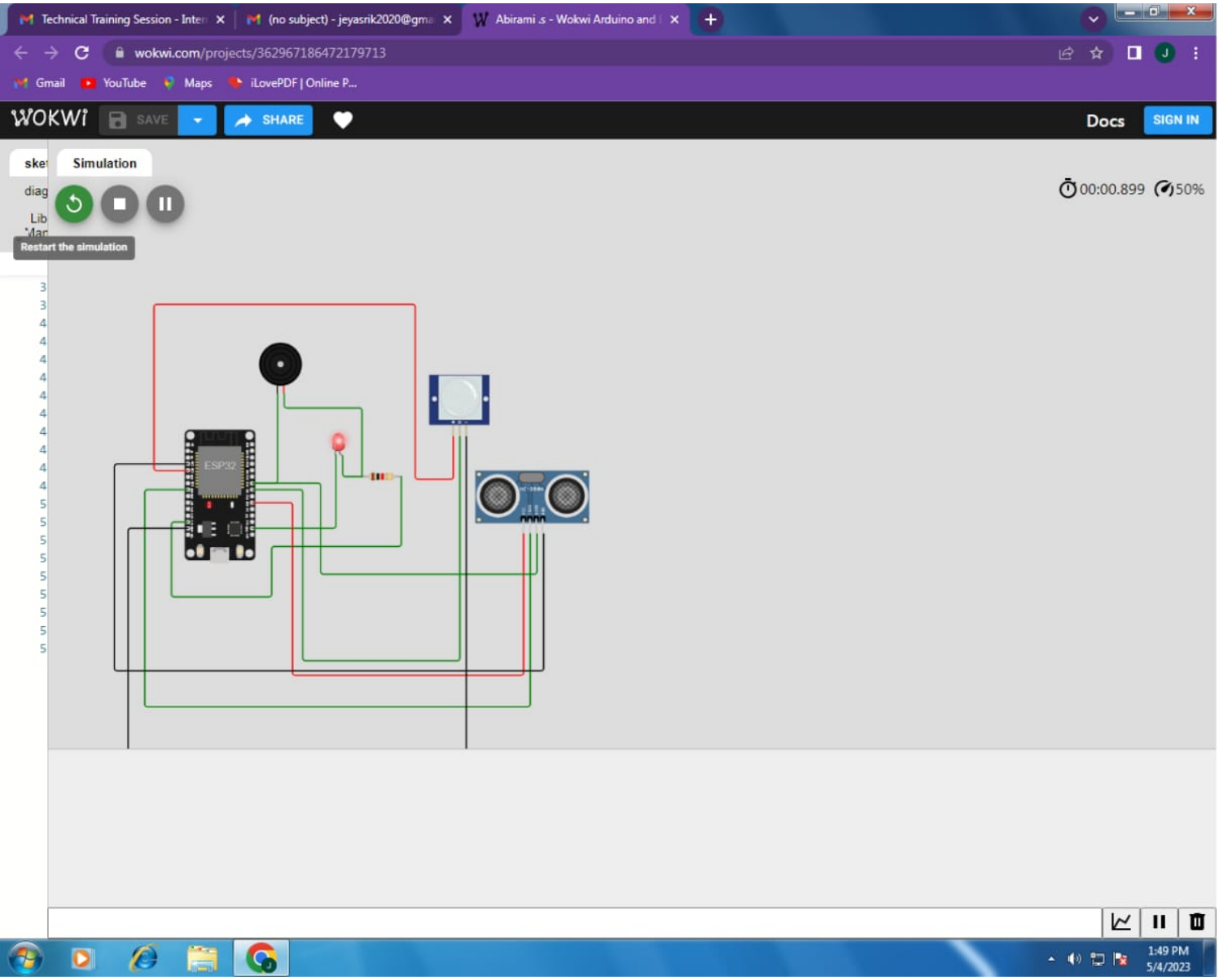
Technical Training Session - Inter
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