NAME: SUVETHA.A

NAAN MUDHALVAN ID :au820420106045

ASSIGNMENT-1

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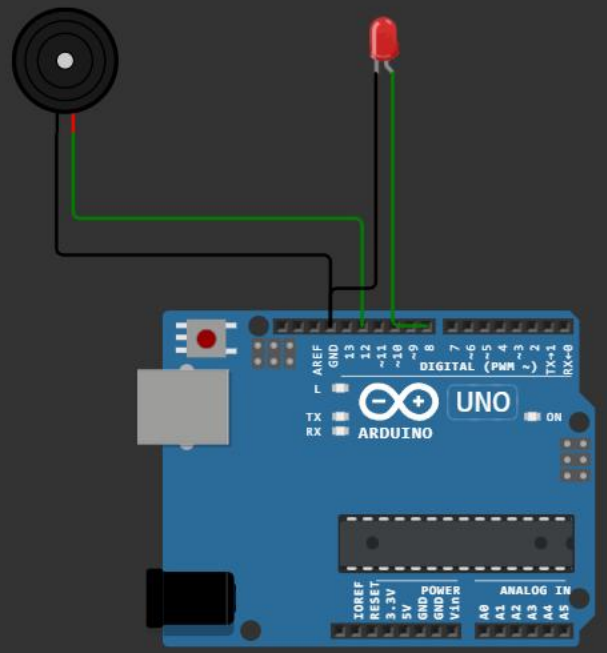
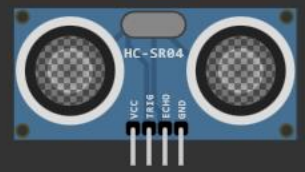
sketch.ino diagram.json Library Manager

```
1  void setup() {
2    // put your setup code here, to run once:
3
4  }
5
6  void loop() {
7    // put your main code here, to run repeatedly:
8
9  }
10
```

Simulation





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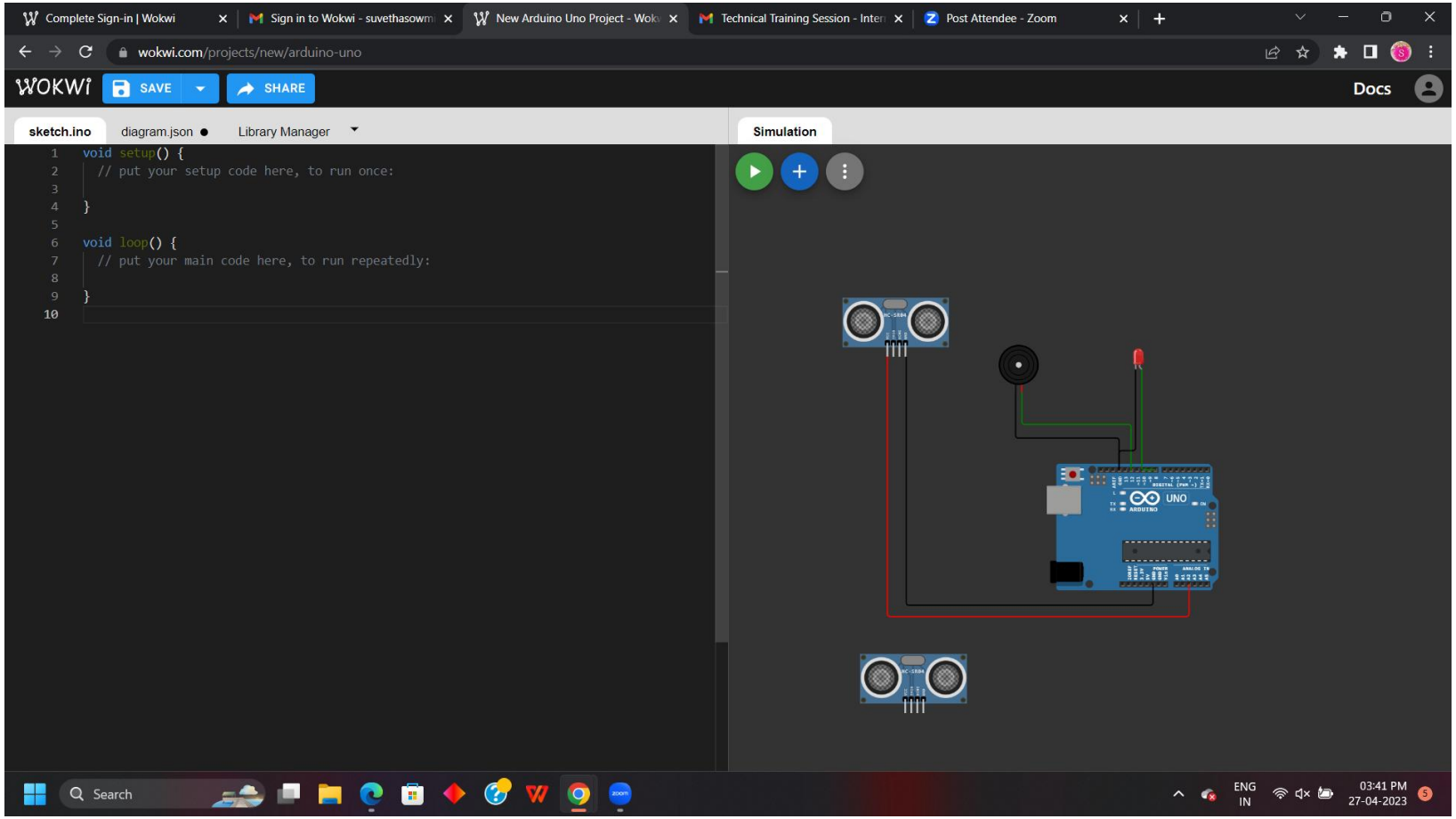
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Library Manager
Simulation
1 void setup() {
2 // put your setup code here, to run once:
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4 }
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6 void loop() {
7 // put your main code here, to run repeatedly:
8
9 }
10
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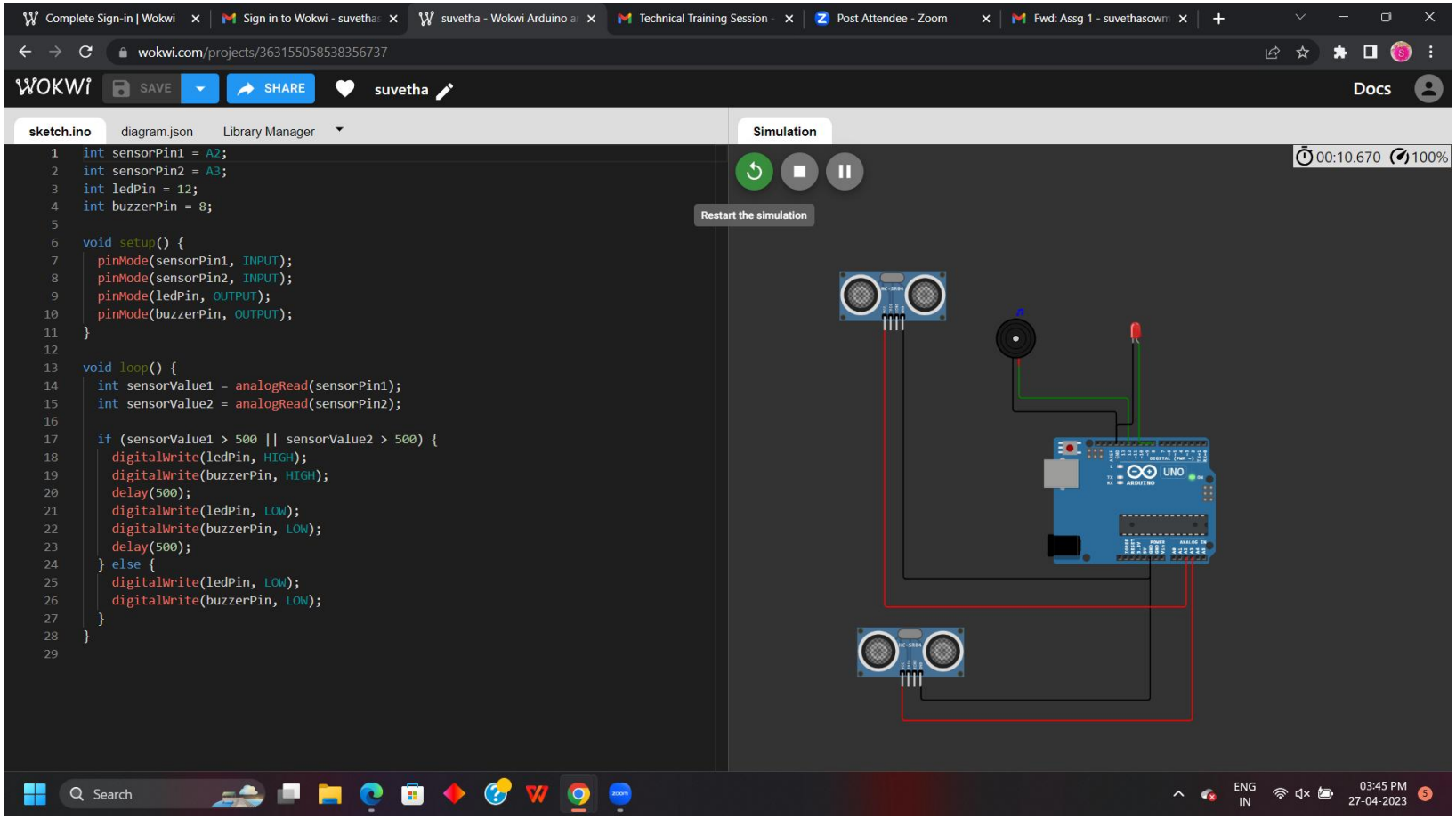
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Library Manager
Simulation
00:10.670
100%
Restart the simulation
int sensorPin1 = A2;
int sensorPin2 = A3;
int ledPin = 12;
int buzzerPin = 8;
void setup() {
pinMode(sensorPin1, INPUT);
pinMode(sensorPin2, INPUT);
pinMode(ledPin, OUTPUT);
pinMode(buzzerPin, OUTPUT);
}
void loop() {
int sensorValue1 = analogRead(sensorPin1);
int sensorValue2 = analogRead(sensorPin2);
if (sensorValue1 > 500 || sensorValue2 > 500) {
digitalWrite(ledPin, HIGH);
digitalWrite(buzzerPin, HIGH);
delay(500);
digitalWrite(ledPin, LOW);
digitalWrite(buzzerPin, LOW);
delay(500);
} else {
digitalWrite(ledPin, LOW);
digitalWrite(buzzerPin, LOW);
}
}
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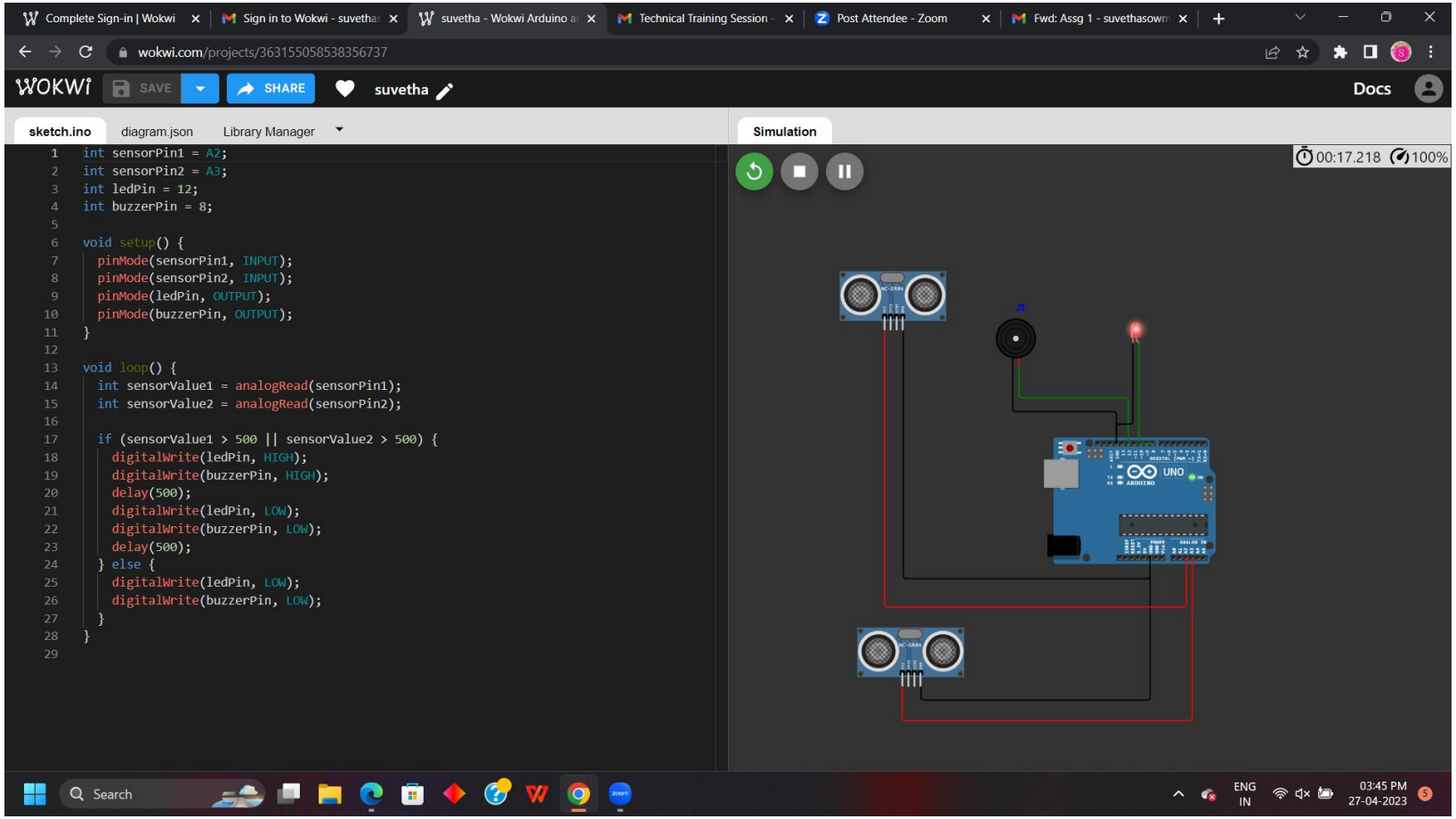
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diagram.json
Library Manager
Simulation
00:17.218
100%
int sensorPin1 = A2;
int sensorPin2 = A3;
int ledPin = 12;
int buzzerPin = 8;
void setup() {
pinMode(sensorPin1, INPUT);
pinMode(sensorPin2, INPUT);
pinMode(ledPin, OUTPUT);
pinMode(buzzerPin, OUTPUT);
}
void loop() {
int sensorValue1 = analogRead(sensorPin1);
int sensorValue2 = analogRead(sensorPin2);
if (sensorValue1 > 500 || sensorValue2 > 500) {
digitalWrite(ledPin, HIGH);
digitalWrite(buzzerPin, HIGH);
delay(500);
digitalWrite(ledPin, LOW);
digitalWrite(buzzerPin, LOW);
delay(500);
} else {
digitalWrite(ledPin, LOW);
digitalWrite(buzzerPin, LOW);
}
}
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