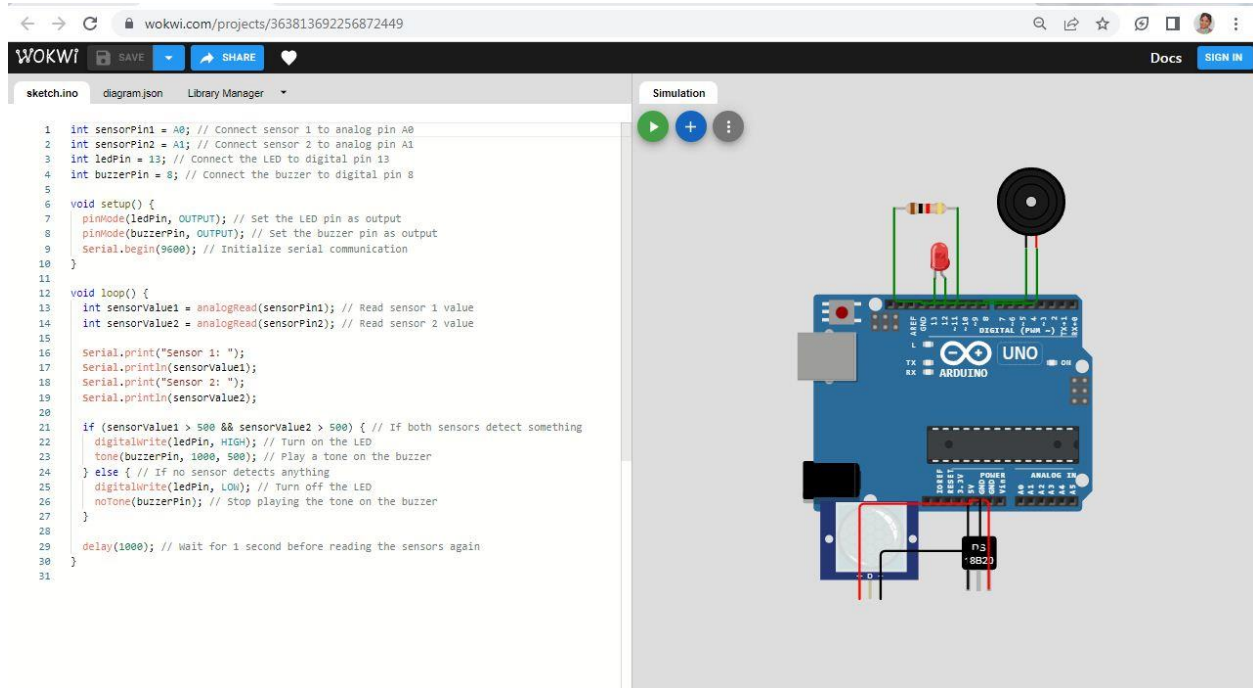


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WOKWI ASSIGNMENT LINK : <https://wokwi.com/projects/363813692256872449>

SCREEN SHOT :



Sketch.ino :

```
int sensorPin1 = A0; // Connect sensor 1 to analog pin A0
int sensorPin2 = A1; // Connect sensor 2 to analog pin A1
int ledPin = 13; // Connect the LED to digital pin 13
int buzzerPin = 8; // Connect the buzzer to digital pin 8
```

```
void setup() {
  pinMode(ledPin, OUTPUT); // Set the LED pin as output
  pinMode(buzzerPin, OUTPUT); // Set the buzzer pin as output
  Serial.begin(9600); // Initialize serial communication
}
```

```
void loop() {
  int sensorValue1 = analogRead(sensorPin1); // Read sensor 1 value
  int sensorValue2 = analogRead(sensorPin2); // Read sensor 2 value
```

```
Serial.print("Sensor 1: ");
Serial.println(sensorValue1);
Serial.print("Sensor 2: ");
Serial.println(sensorValue2);

if (sensorValue1 > 500 && sensorValue2 > 500) { // If both sensors detect
something
    digitalWrite(ledPin, HIGH); // Turn on the LED
    tone(buzzerPin, 1000, 500); // Play a tone on the buzzer
} else { // If no sensor detects anything
    digitalWrite(ledPin, LOW); // Turn off the LED
    noTone(buzzerPin); // Stop playing the tone on the buzzer
}

delay(1000); // Wait for 1 second before reading the sensors again
}
```