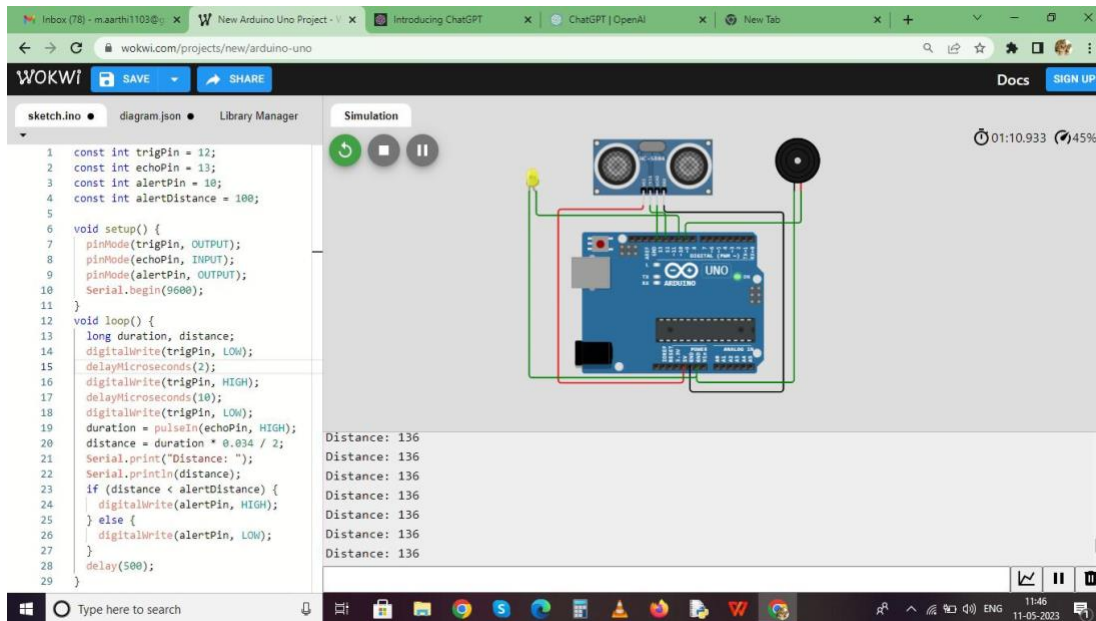


AARTHI M

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<https://wokwi.com/projects/364408170195349505>



SKETCH.INFO

```
const int trigPin = 12;
```

```
const int echoPin = 13;
```

```
const int alertPin = 10;
```

```
const int alertDistance = 100;
```

```
void setup() {
```

```
  pinMode(trigPin, OUTPUT);
```

```
  pinMode(echoPin, INPUT);
```

```
  pinMode(alertPin, OUTPUT);
```

```
  Serial.begin(9600);
```

```
}
```

```
Void loop() {  
  Long duration, distance;  
  digitalWrite(trigPin, LOW);  
  delayMicroseconds(2);  
  digitalWrite(trigPin, HIGH);  
  delayMicroseconds(10);  
  digitalWrite(trigPin, LOW);  
  duration = pulseIn(echoPin, HIGH);  
  distance = duration * 0.034 / 2;  
  Serial.print("Distance: ");  
  Serial.println(distance);  
  If (distance < alertDistance) {  
    digitalWrite(alertPin, HIGH);  
  } else {  
    digitalWrite(alertPin, LOW);  
  }  
  Delay(500);  
}
```