```
int LevelSensorVal = 0;
int echoPin = 3;
int triggerPin = 2;

long readUltrasonicDistance(int triggerPin, int echoPin) {
  pinMode(triggerPin, OUTPUT);
  digitalWrite(triggerPin, LOW);
  delayMicroseconds(2);
  digitalWrite(triggerPin, HIGH);
  delayMicroseconds(10);
  digitalWrite(triggerPin, LOW);
  pinMode(echoPin, INPUT);
  return pulseIn(echoPin, HIGH); // corrected function name
}

void setup() {
  Serial.begin(9600);
  pinMode(8, OUTPUT);
  pinMode(9, OUTPUT);
  pinMode(5, OUTPUT);
}

void loop() {
  LevelSensorVal = 0.01723 * readUltrasonicDistance(2, 3); // Corrected variable name and added assignment
  Serial.println("medium level");
  Serial.println(LevelSensorVal);
  if(LevelSensorVal <= 40) {
    Serial.println("Tank is FULL");
    digitalWrite(8, HIGH);
```

```
      digitalWrite(9, HIGH);
      tone(5, 19, 1000); // play tone 3 (D#0 = 19 Hz)
   }
   if(LevelSensorVal >= 300) {
      Serial.println("Tank is EMPTY");
      digitalWrite(8, LOW);
      digitalWrite(9, HIGH);
   }
delay(10);
}
```