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# PLAGIARISM SCAN REPORT

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|---|---|
| **Date** | 2020-03-14 |
| **Words** | 187 |
| **Characters** | 1374 |

## Content Checked For Plagiarism

#include <LiquidCrystal.h> // defines pins numbers const int tp = 9; const int ep = 10; const int led= 11; const int bz = 12; // defines variables long duration; int distance; int safetyDistance; LiquidCrystal lcd(1, 2, 4, 5, 6, 7); void setup() { lcd.begin(16,2); pinMode(tp, OUTPUT); // Sets the tp as an Output pinMode(ep, INPUT); // Sets the ep as an Input pinMode(led, OUTPUT); pinMode(bz, OUTPUT); Serial.begin(9600); // Starts the serial communication } void loop() { // Clears the tp digitalWrite(tp, LOW); delayMicroseconds(2); // Sets the tp on HIGH state for 10 micro seconds digitalWrite(tp, HIGH); delayMicroseconds(10); digitalWrite(tp, LOW); // Reads the ep, returns the sound wave travel time in microseconds duration = pulseIn(ep, HIGH); // Calculating the distance distance= duration*0.034/2; safetyDistance = distance; if (safetyDistance<10){ digitalWrite(led, HIGH); digitalWrite(bz,HIGH); digitalWrite(bz,HIGH); digitalWrite(bz,HIGH); } else{ digitalWrite(led, LOW); digitalWrite(bz,LOW); } lcd.setCursor(0,0); // Sets the location at which subsequent text written to the LCD will be displayed lcd.print("Distance: "); // Prints string "Distance" on the LCD lcd.print(distance); // Prints the distance value from the sensor lcd.print(" cm"); delay(10); // Prints the distance on the Serial Monitor Serial.print("Distance: "); Serial.println(distance); }

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