

Team ID	PNT2022TMID51175
Project Name	Project - IOT-Based Safety Gadget for Child Safety Monitoring and Notification
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Code:

```
#include "Ultrasonic.h" Ultrasonic
ultrasonic(12, 13);

int distance;

void setup()

{

Serial.begin(9600);

}

void loop() {

    // Pass INC as a parameter to get the distance in inches

    distance = ultrasonic.read(CM);
Serial.print("Distance in CM: ");

Serial.println(distance);

if (distance < 100)

    Serial.print("alert");

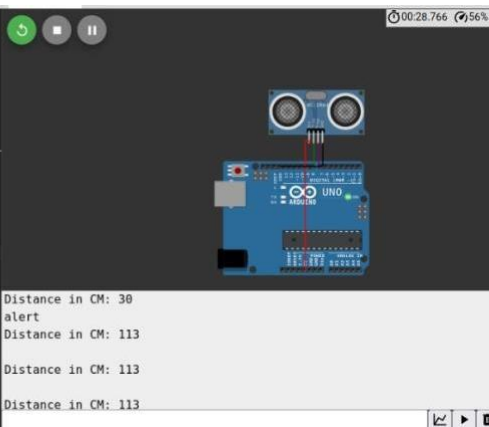
Serial.println();

    delay(1000);

}
```

Output:

```
1 #include "Ultrasonic.h"
2 Ultrasonic ultrasonic(12, 13);
3 int distance;
4
5 void setup() {
6   Serial.begin(9600);
7 }
8
9 void loop() {
10   // Pass IN1 as a parameter to get the distance in inches
11   distance = ultrasonic.read(CM);
12
13   Serial.print("Distance in CM: ");
14   Serial.println(distance);
15   if (distance < 100)
16     Serial.print("alert");
17     Serial.println();
18     delay(1000);
19 }
20
21
```



Distance in CM: 30
alert
Distance in CM: 113

Distance in CM: 113

Distance in CM: 113