# ASSIGNMENT 4

|  |  |
| --- | --- |
| Date | 25 October 2022 |
| Team ID | PNT2022TMID261 |
| Roll No | 711319EC018 |

**Write code and connections in wowki for ultrasonic sensor. Whenever distance is less than 100cms send “alert” to ibm cloud and display in device recent events.**

**PROGRAM CODE:**

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

void setup() { Serial.begin(9809);

}

void loop() {

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

if (distance < 100) Serial.print("alert"); Serial.println(); delay(1000);

}

**OUTPUT:**

