# ASSIGNMENT 4

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| Date | 29th October 2022 |
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| Project Name | Project:- Signs With Smart Connectivity For Better Safety |

**Write the code and connections in wokwi for the ultrasonic sensor. Whenever the distance is less than 100 cm send an “alert” to the IBM cloud and display in the device recent events**

# Program Code:

#include “Ultrasonic.h" Ultrasonic ultrasonic(6,2); int distance; void setup()

{

Serial.begin(9600);

}

void loop() {

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

Serial.println(distance); if (distance < 100) Serial.print("alert"); Serial.println(); delay(3000);

}

