

ASSIGNMENT 4

Date	02 November 2022
Team ID	PNT2022TMID53515
Roll No	2127190801069

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(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);  
}
```

OUTPUT:

