

ASSIGNMENT 4

Date	29th October 2022
Team ID	PNT2022TMID38165
Roll No	411819106003
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);  
}
```

