ASSIGNMENT 4

Date	30 October 2022
Team ID	PNT2022TMID35153
Project	Signs with smart connectivity for better road safety

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: