Assignment – 4

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Qn: Write code and connections in wokwi for the ultrasonic sensor.

Code:
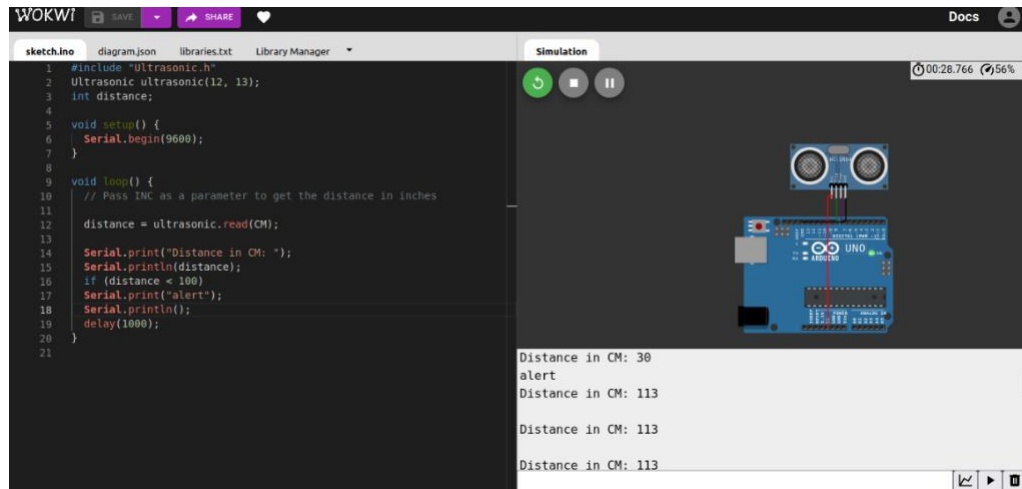
```
#include "Ultrasonic.h"

Ultrasonic ultrasonic(12, 13);

int distance;

void setup() {
    Serial.begin(9600);
}


void loop() {
    // Pass INC as a parameter to get the distance in inches


    distance = ultrasonic.read(CM);
    Serial.print("Distance in CM: ");
    Serial.println(distance);
    if (distance < 100)
    Serial.print("alert");
    Serial.println();
    delay(1000);
}
```