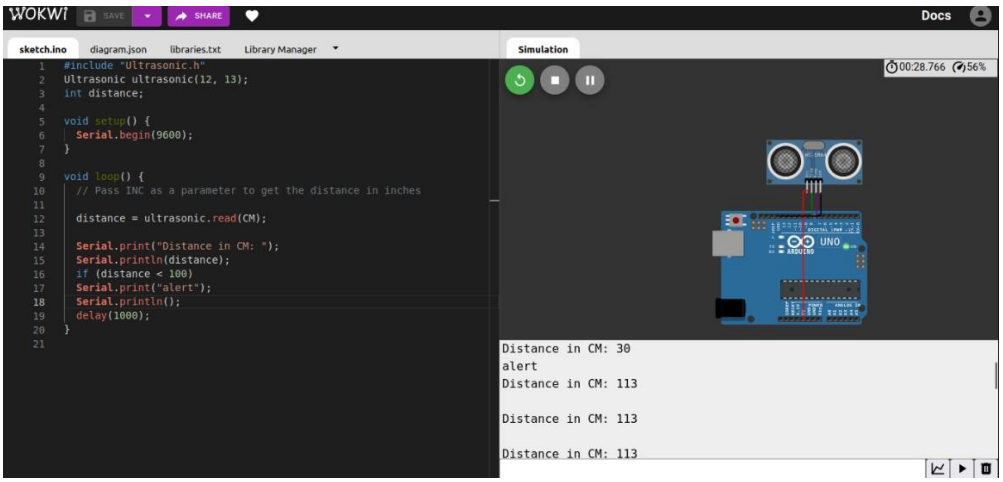
ASSIGNMENT -4

Team ID	**PNT2022TMID19466**
Marks	**4**
Project Title	**Smart Farmer - IoT Enabled Smart Farming Application**

Code:

```
#include "Ultrasonic.h" Ultrasonic
ultrasonic(12, 13); 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(1000);
}
```

Output:


WOKWI
SAVE
SHARE
Docs
sketch.ino
diagram.json
libraries.txt
Library Manager
Simulation
00:28.766
56%
#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);
}
UNO
ARDUINO
Distance in CM: 30
alert
Distance in CM: 113
Distance in CM: 113
Distance in CM: 113