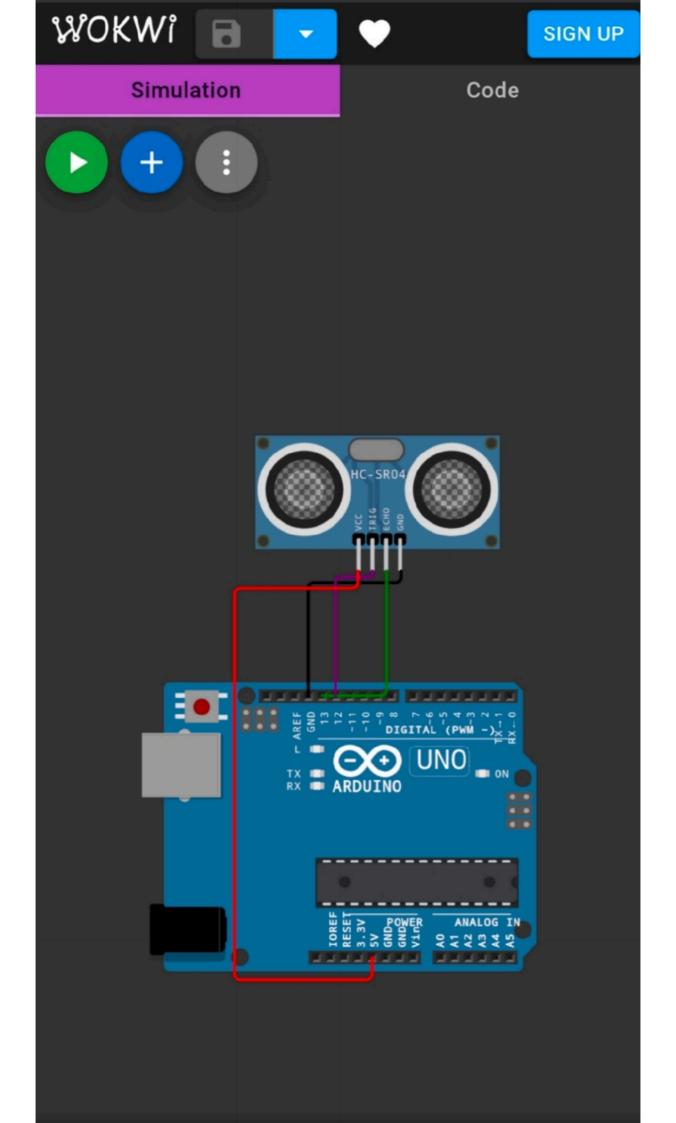
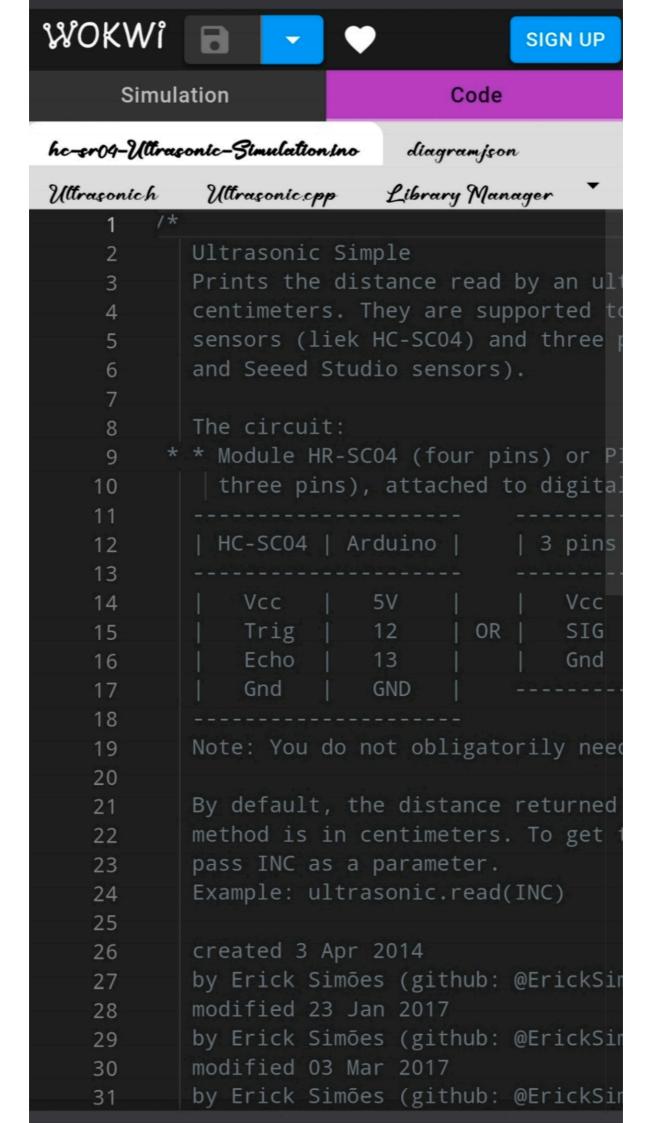
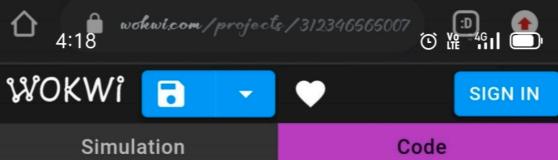
ASSIGNMENT-1

M.SUJITHA
HOLY CROSS ENGINEERING COLLEGE
III YEAR ECE







```
hc-sr04-Ultrasonic-Simulation ino
                               diagramison
Ultrasonich Ultrasonic.cpp Library Manager
            by Erick Simões (github: @ErickSi
   31
            modified 11 Jun 2018
   32
            by Erick Simões (github: @ErickSi
   33
   34
   35
           This example code is released int
   36
   37
         #include "Ultrasonic.h"
   38
   39
   40
            Pass as a parameter the trigger a
   41
            or only the signal pin (for senso
   42
            Ultrasonic ultrasonic(13);
   43
   44
        Ultrasonic ultrasonic(12, 13);
   45
         int distance;
   46
   47
        void setup() {
   48
           Serial.begin(9600);
   49
   50
         }
   51
   52
         void loop() {
           // Pass INC as a parameter to get
   53
   54
           distance = ultrasonic.read(CM);
   55
   56
           Serial.print("Distance in CM: ");
   57
           Serial.println(distance);
   58
   59
           distance = ultrasonic.read(INC);
   60
   61
```







Simulation Code

hc-sr04-Ultrasonic-Simulation ino

diagramjson

```
Library Manager
Ultrasonich
             Ultrasonic.cpp
           Serial.begin(9600);
   49
   50
         }
   51
         void loop() {
   52
           // Pass INC as a parameter to get
   53
   54
           distance = ultrasonic.read(CM);
   55
   56
           Serial.print("Distance in CM: ");
   57
           Serial.println(distance);
   58
   59
           distance = ultrasonic.read(INC);
   60
   61
           Serial.print("Distance in Inches:_
   62
           Serial.println(distance);
   63
   64
           delay(1000);
   65
   66
         }
```