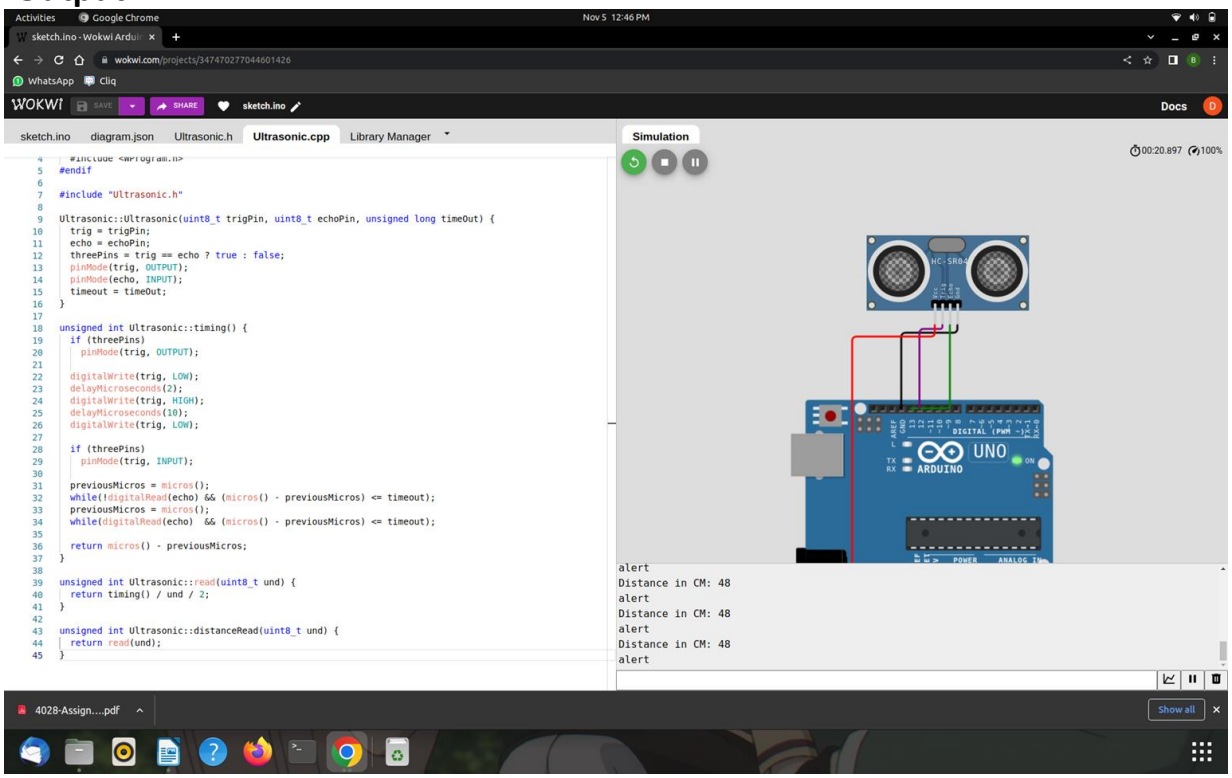
NalaiyaThiran(IBM)ASSIGNMENT – 4

Write code and connections in wokwi for ultrasonic sensor. Whenever distance is less than 100cms, send “alert” to IBM Cloud and display in device recent events.

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:



LINK:

https://wokwi.com/projects/347470277044601426