

#### Assignment -4

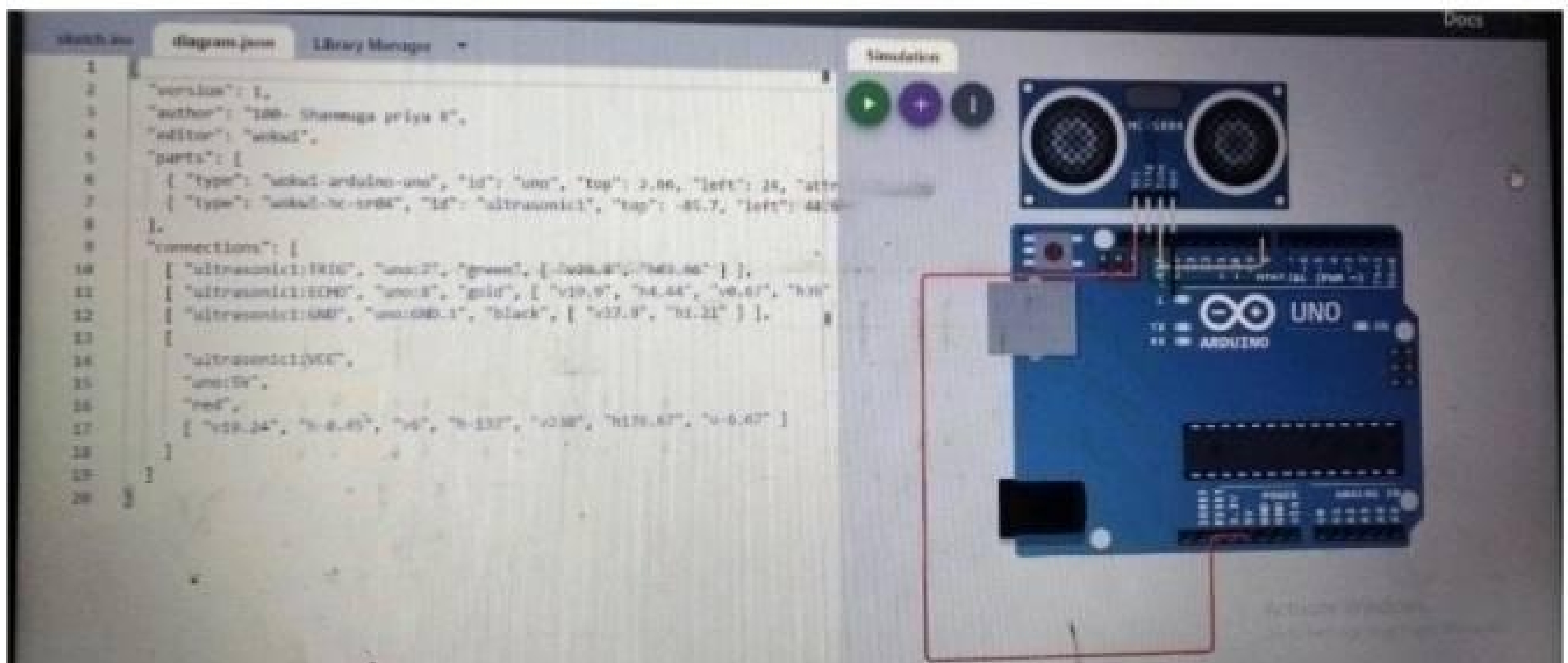
Assignment Date	30 OCTOBER 2022
Student Name	R. SHANMUGA PRIYA
Student Roll Number	913119106100
Maximum Marks	2 Marks

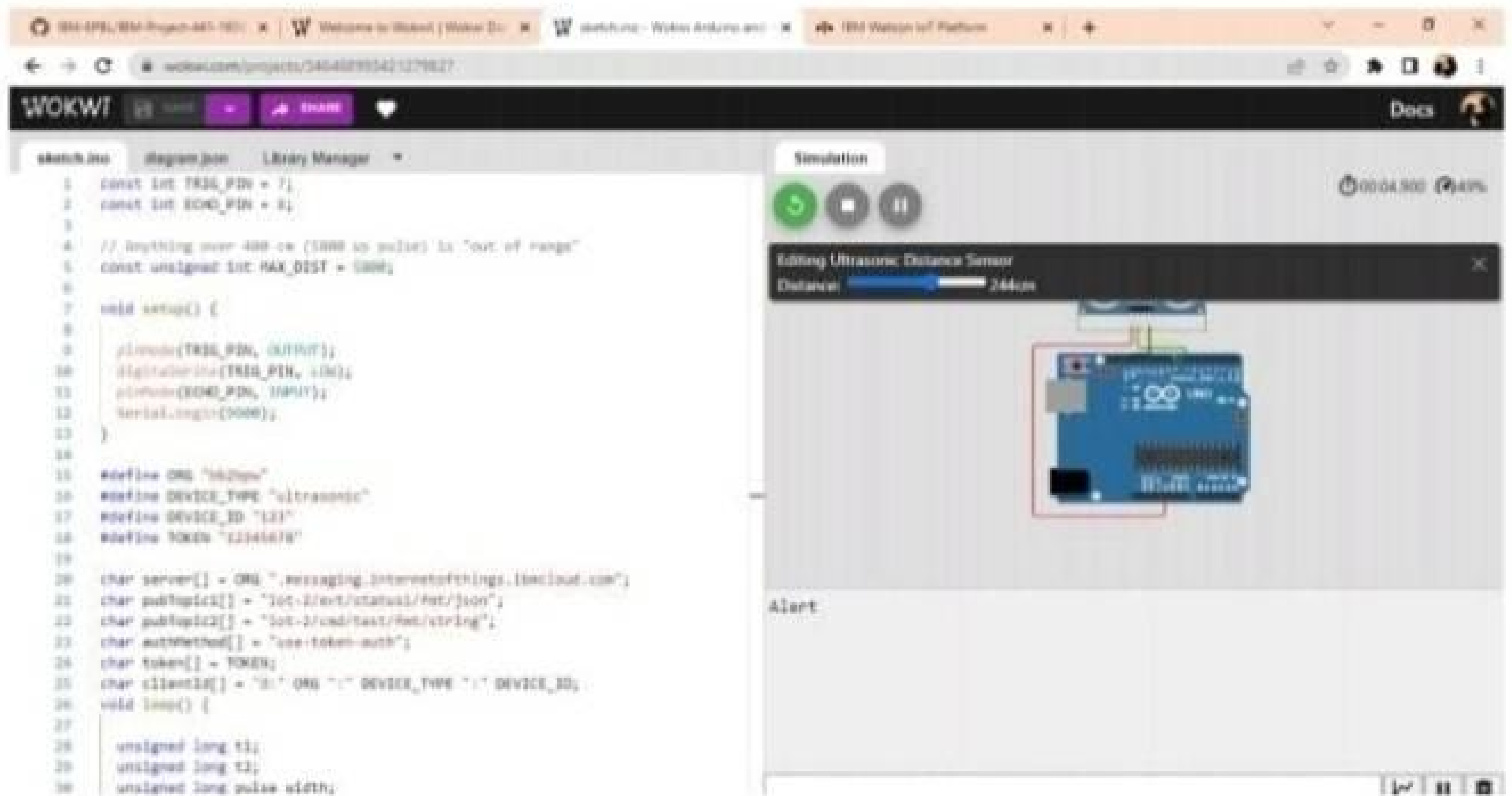
#### PROBLEM STATEMENT: IOT BASED CHILD SAFETY MONITORING AND NOTIFICATION

**QUESTION:** Write code and connection in wokwi for ultrasonic sensor. Whenever distance is less than 100cm and send "alert" to ibm cloud and display in device recent events.

**WOKWI LINK:**

<https://wokwi.com/projects/347038224489644626>







IBM CLOUD:

Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"dist":286,"message":"alert"}	json	a few seconds ago
event_1	{"dist":89,"message":"in range"}	json	a minute ago
event_1	{"dist":78,"message":"in range"}	json	a minute ago