ASSIGNMENT - 4

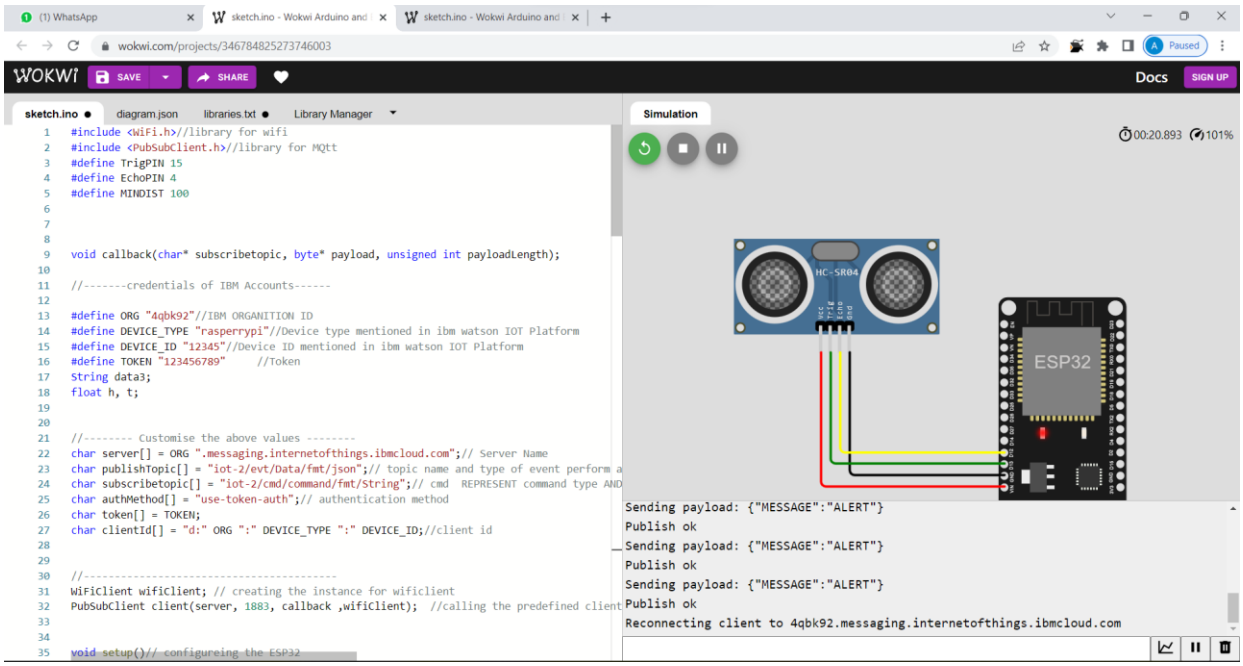
Date	19 September 2022
Student Name	SHAKINSHA.M
Student Roll Number	917719D086
Maximum Marks	2 Marks

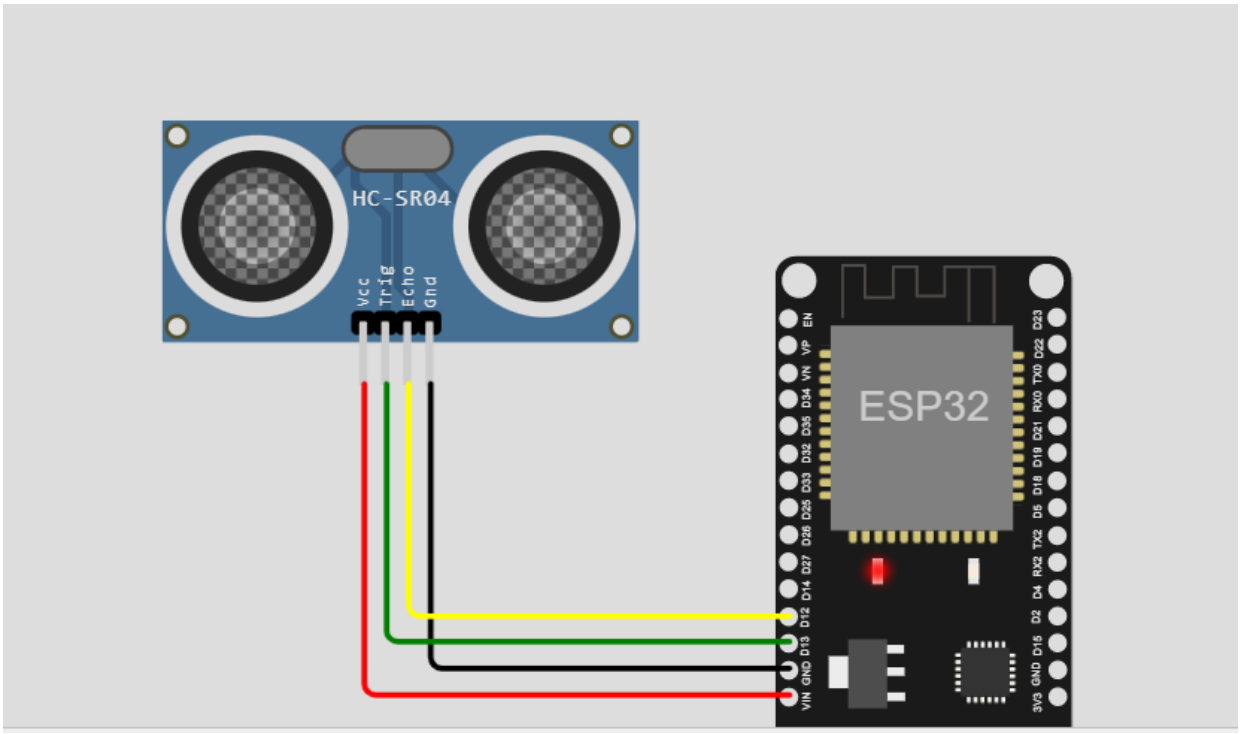
QUESTION:

Write code and connections in wokwi for the ultrasonic sensor. Whenever the distance is less than 100 cms send an "alert" to the IBM cloud and display in the device recent events.

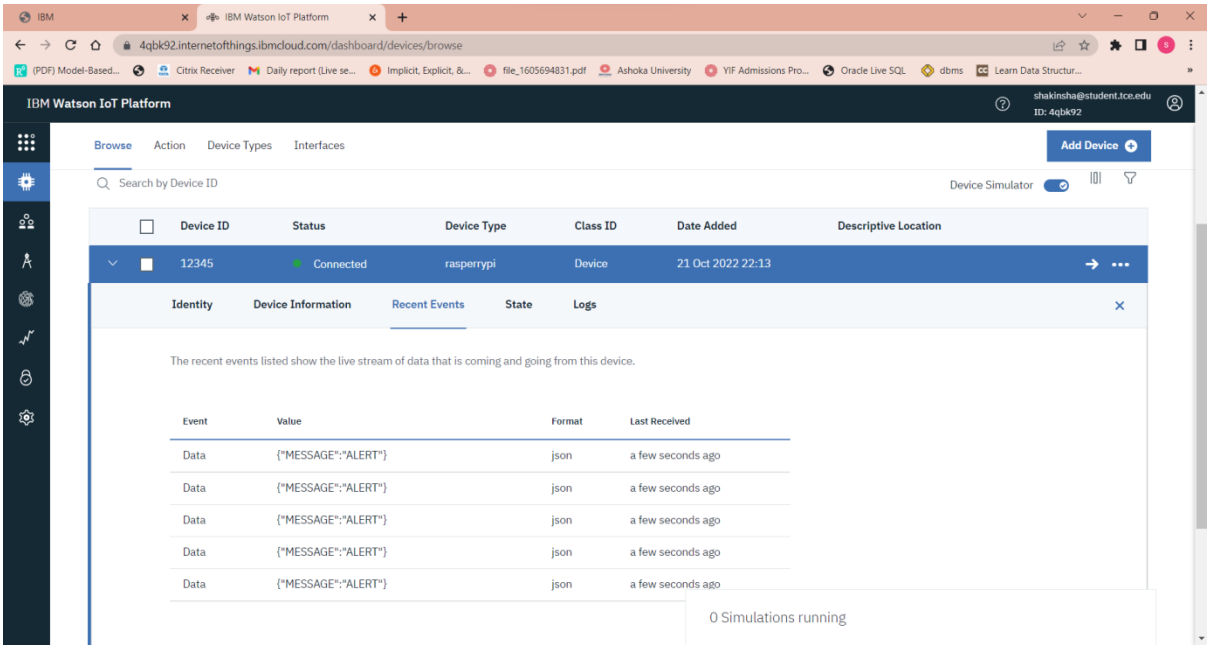
SOLUTION:

Link: https://wokwi.com/projects/346784825273746003




HC-SR04
Vcc
Trig
Echo
Gnd
ESP32

OUTPUT:


IBM Watson IoT Platform
4qbk92.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
shakinsha@student.tce.edu
ID: 4qbk92
Browse
Action
Device Types
Interfaces
Add Device
Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
12345
Connected
rasperrypi
Device
21 Oct 2022 22:13
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
Data
{"MESSAGE":"ALERT"}
json
a few seconds ago
0 Simulations running