

Assignment -4

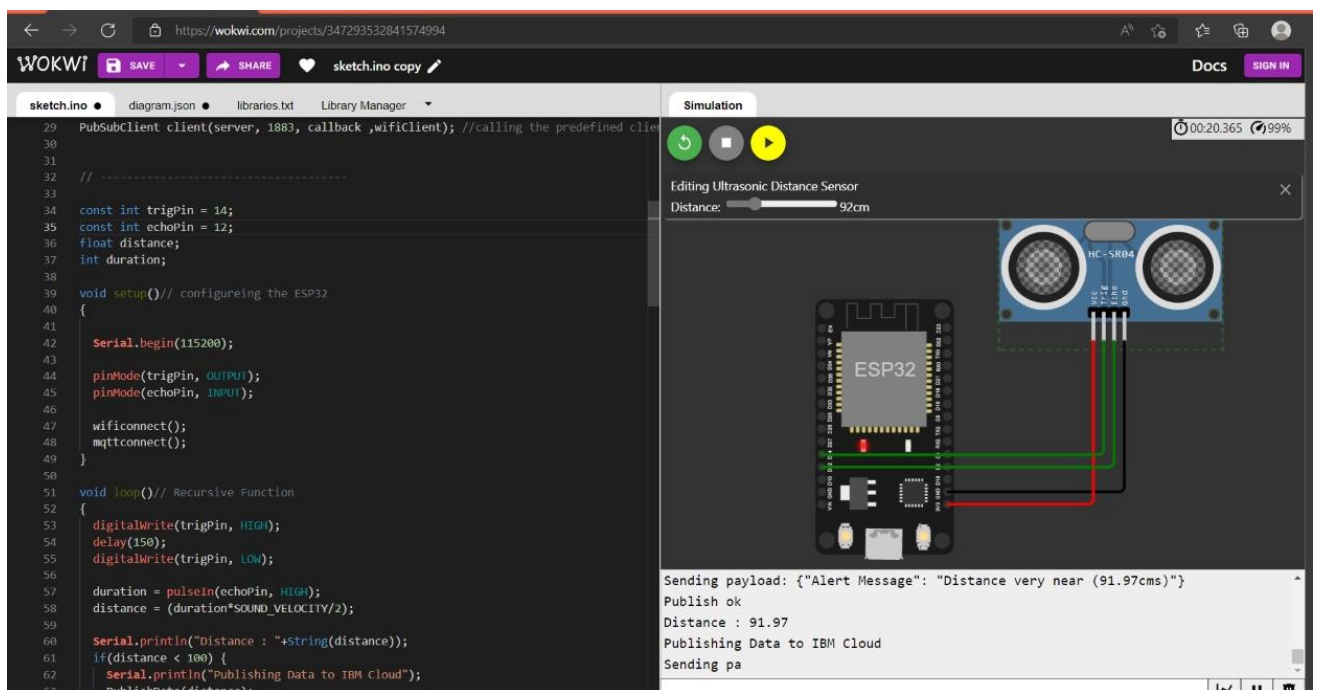
Assignment Date	20 October 2022
Student Name	Deepajothi S K
Student Roll Number	2019504016
Maximum Marks	2 Marks

Question-1:

Write Code and connect in wokwi for ultrasonic sensor. Whenever distance is less than 100cms send "alert" to ibm cloud and display in device recent events

Wokwi Simulation:

<https://wokwi.com/projects/347293532841574994>



Watson IoT Platform

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ID: 1vm8q

BrowseActionDevice TypesInterfaces

Add Device

Search by Device ID

Device Simulator

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
4016	Connected	deepa	Device	Nov 3, 2022 1:57 PM	

IdentityDevice InformationRecent EventsStateLogs

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

Event	Value	Format	Last Received
Data	{"Alert Message":"Distance very near (91.97cms)"}	json	a few seconds ago
Data	{"Alert Message":"Distance very near (91.97cms)"}	json	a few seconds ago
Data	{"Alert Message":"Distance very near (91.97cms)"}	json	a few seconds ago
Data	{"Alert Message":"Distance very near (91.97cms)"}	json	a few seconds ago
Data	{"Alert Message":"Distance very near (91.97cms)"}	json	a few seconds ago