## Assignment – 4 (ESP32 programming in Wokwi)

Assignment Date	17 October 2022
Student Name	S. BHARATHI
Student Roll Number	212619106001
Maximum Marks	2 Marks

## Question -1

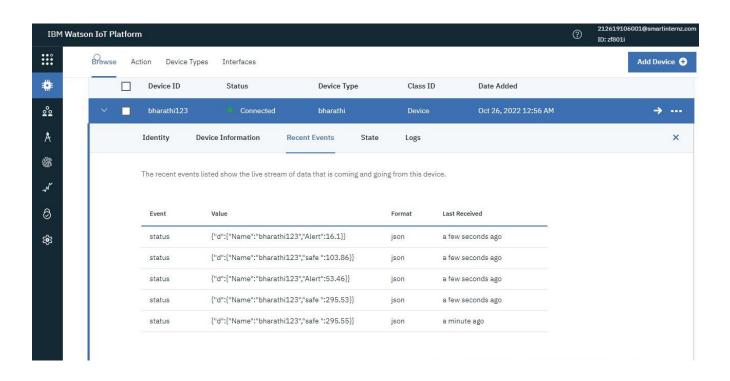
Write code and connections in wokwi forultrasonic sensor. Whenever distance is less than 100 cms send "alert" to IBM cloud and display in recent events.

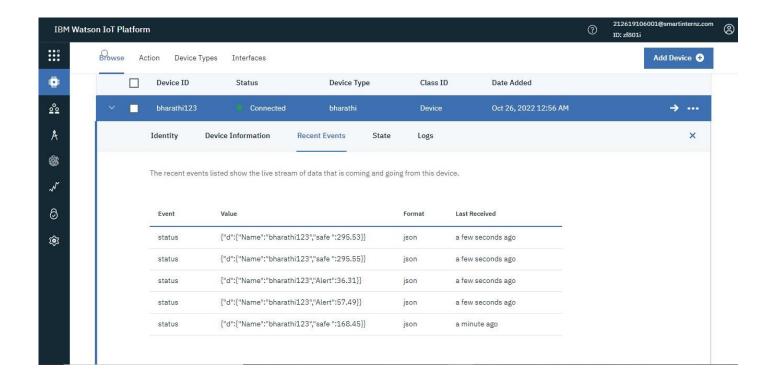
Upload document with Wokwi share link and images of IBM cloud.

## Wokwi Link:

https://wokwi.com/projects/346412852768146004

## **OUTPUT (IBM screenshots):**





{"d":{"Name":"bharathi123","safe ":295.53}}	json	a few seconds ago
{"d":{"Name":"bharathi123","safe ":295.55}}	json	a few seconds ago
{"d":{"Name":"bharathi123","Alert":36.31}}	json	a few seconds ago
{"d":{"Name":"bharathi123","Alert":57.49}}	json	a few seconds ago
{"d":{"Name":"bharathi123","safe ":168.45}}	json	a minute ago
	{"d":{"Name":"bharathi123","safe ":295.55}}  {"d":{"Name":"bharathi123","Alert":36.31}}  {"d":{"Name":"bharathi123","Alert":57.49}}	{"d":{"Name":"bharathi123","safe ":295.55}} json  {"d":{"Name":"bharathi123","Alert":36.31}} json  {"d":{"Name":"bharathi123","Alert":57.49}} json

Value	Format	Last Received
{"d":{"Name":"bharathi123","Alert":16.1}}	json	a few seconds ago
{"d":{"Name":"bharathi123","safe ":103.86}}	json	a few seconds ago
{"d":{"Name":"bharathi123","Alert":53.46}}	json	a few seconds ago
{"d":{"Name":"bharathi123","safe ":295.53}}	json	a few seconds ago
{"d":{"Name":"bharathi123","safe ":295.55}}	json	a minute ago
	{"d":{"Name":"bharathi123","Alert":16.1}}  {"d":{"Name":"bharathi123","safe ":103.86}}  {"d":{"Name":"bharathi123","Alert":53.46}}  {"d":{"Name":"bharathi123","safe ":295.53}}	{"d":{"Name":"bharathi123","Alert":16.1}} json  {"d":{"Name":"bharathi123","safe ":103.86}} json  {"d":{"Name":"bharathi123","Alert":53.46}} json  {"d":{"Name":"bharathi123","Safe ":295.53}} json