# Assignment – 4

### (ESP32 programming in Wokwi)

Date	17 October 2022	
Student name	UNNAM RUCHITHA	
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Project Name	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT USING IOT TECHNOLOGY	
Maximum Marks	2 Marks	

### Question - 1

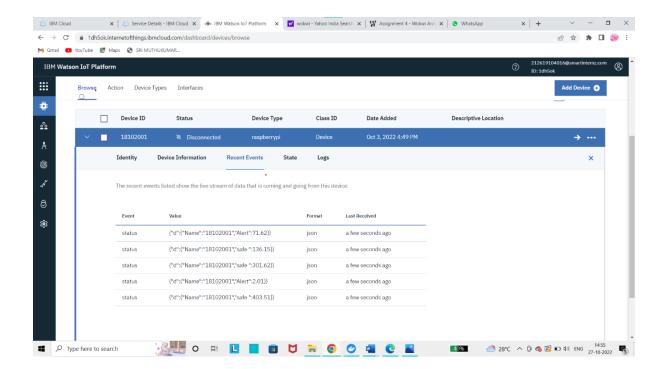
Write code and connections in Wokwi for ultrasonic sensor. Whenever distance is less than 100 cms send "alert" to IBM cloud and display in recent events.

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

#### **Wokwi Link:**

https://wokwi.com/projects/346593750487663187

# OUTPUT(IBM Screenshots):



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

Event	Value	Format	Last Received
status	{"d":{"Name":"18102001","Alert":71.62}}	json	a few seconds ago
status	{"d":{"Name":"18102001","safe ":136.15}}	json	a few seconds ago
status	{"d":{"Name":"18102001","safe ":301.62}}	json	a few seconds ago
status	{"d":{"Name":"18102001","Alert":2.01}}	json	a few seconds ago
status	{"d":{"Name":"18102001","safe ":403.51}}	json	a few seconds ago