

Assignment -4

Wokwi and IBM cloud connection

Assignment Date	17 October 2022
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Maximum Marks	2 Marks

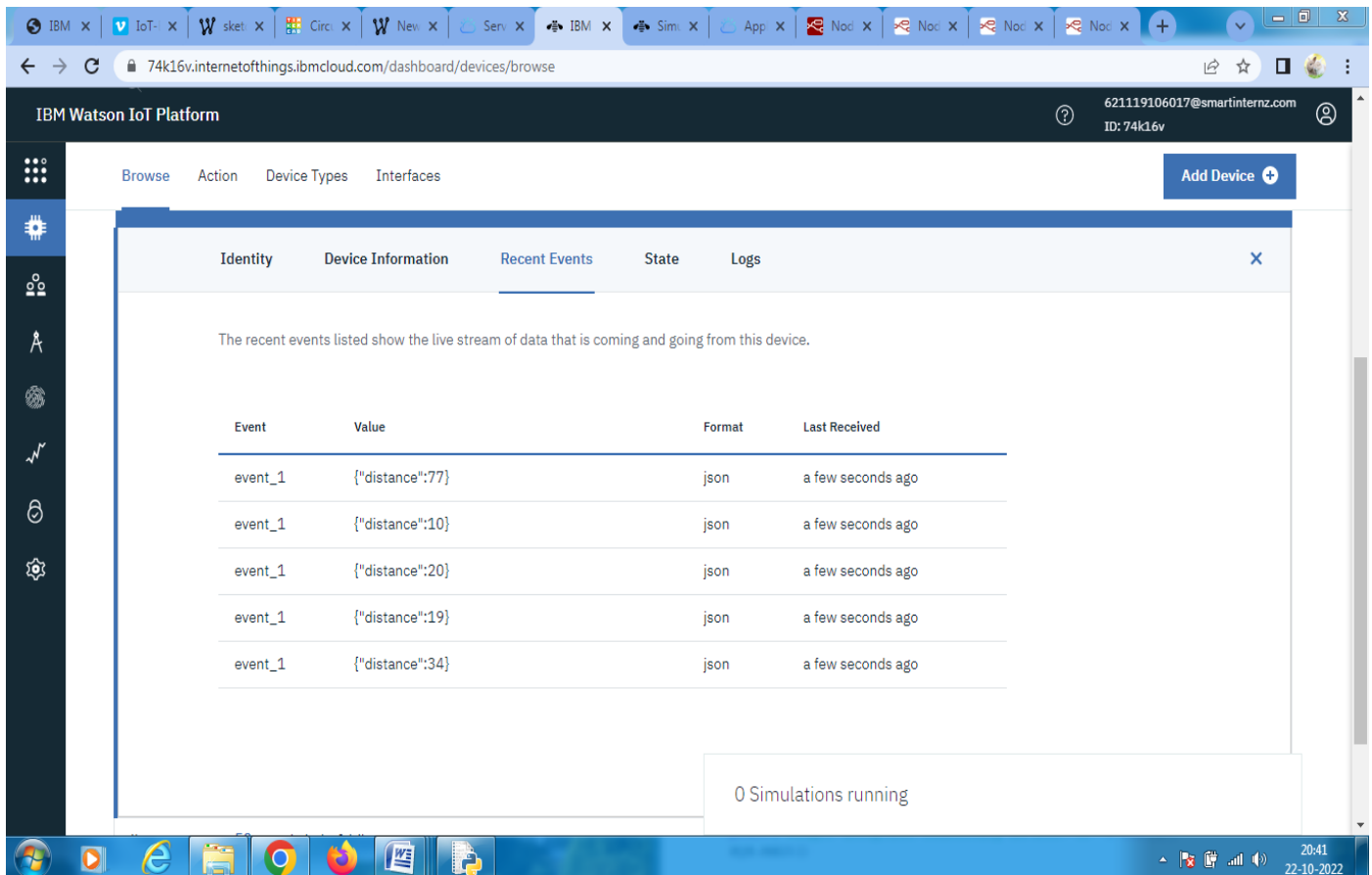
Question-1:

Write code and connections in wokwi for ultrasonic sensor. Whenever distance is less than 100cms send "alert" to IBM cloud and display in device recent events (Upload document with wokwi share link and images of IBM cloud).

Solution:

Wokwi link: <https://wokwi.com/projects/365437206332527188>

IBM cloud image:



The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes tabs for Browse, Action, Device Types, and Interfaces. The main content area shows the 'Recent Events' tab for a specific device. A table lists the following events:

Event	Value	Format	Last Received
event_1	{"distance":77}	json	a few seconds ago
event_1	{"distance":10}	json	a few seconds ago
event_1	{"distance":20}	json	a few seconds ago
event_1	{"distance":19}	json	a few seconds ago
event_1	{"distance":34}	json	a few seconds ago

At the bottom of the dashboard, it indicates '0 Simulations running'.