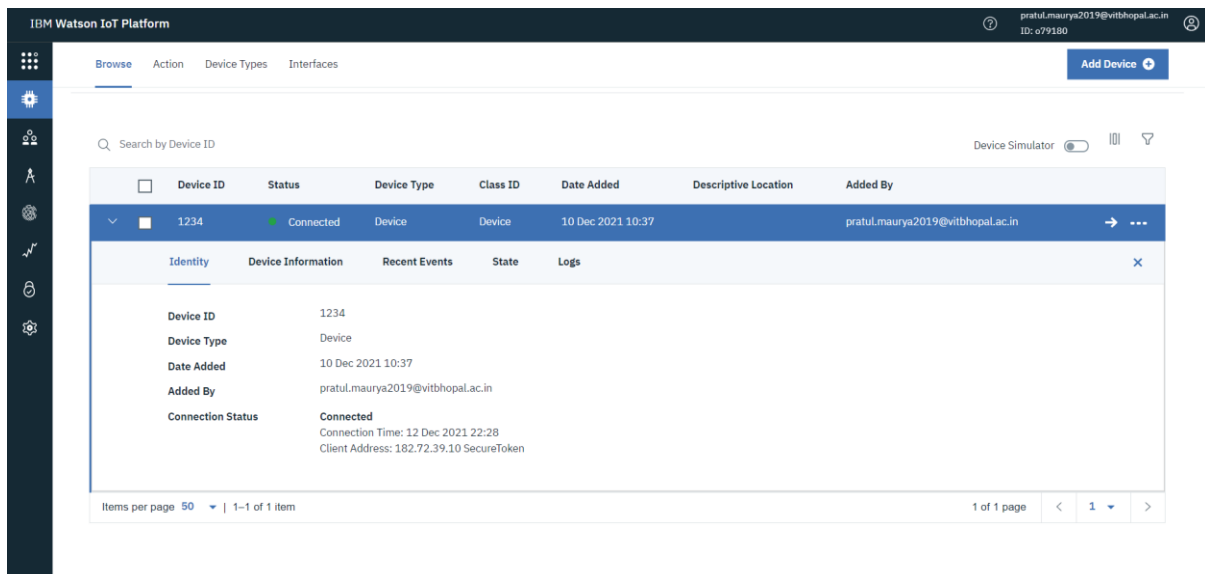# ASSIGNMENT 3

Name- Pratul Maurya

Reg. No- 19BCY10036

Question - Develop a code to upload the water tank level and light intensity values to the IBM IoT platform and visualize them in the web application.
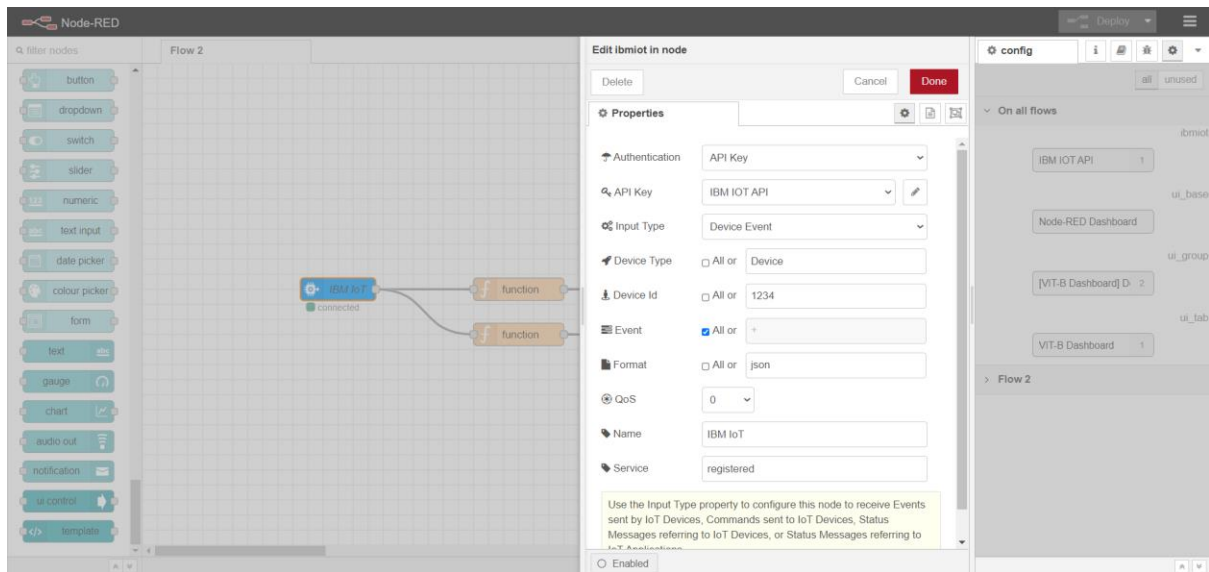
Solution: -

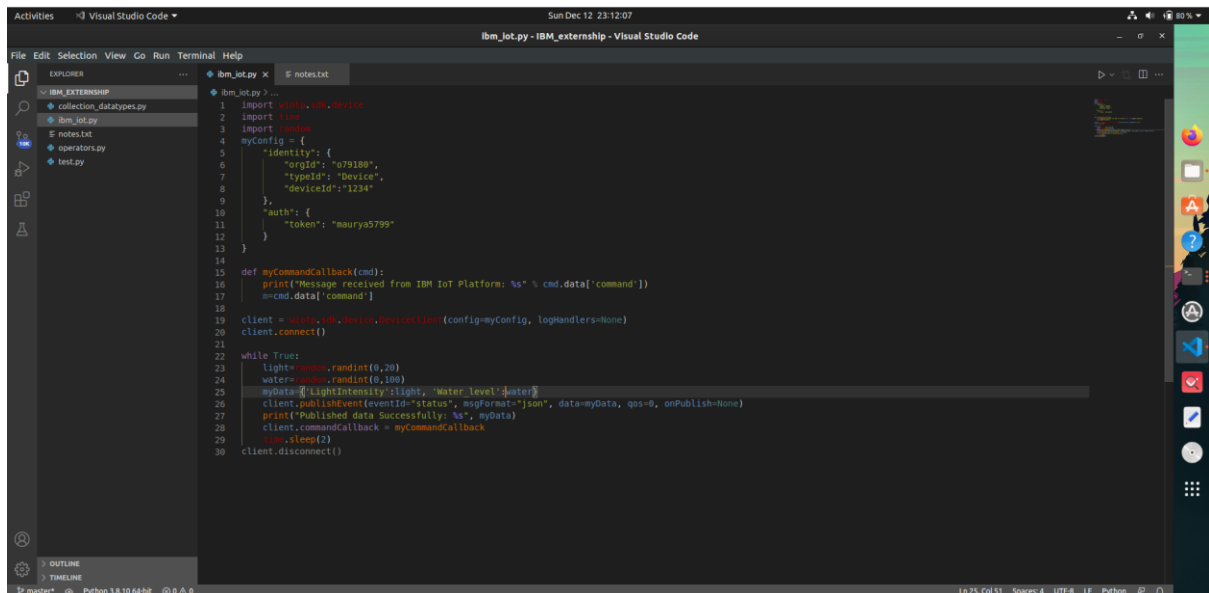Step 1- From Watson IOT platform in IBM cloud open a new simulation on a device.
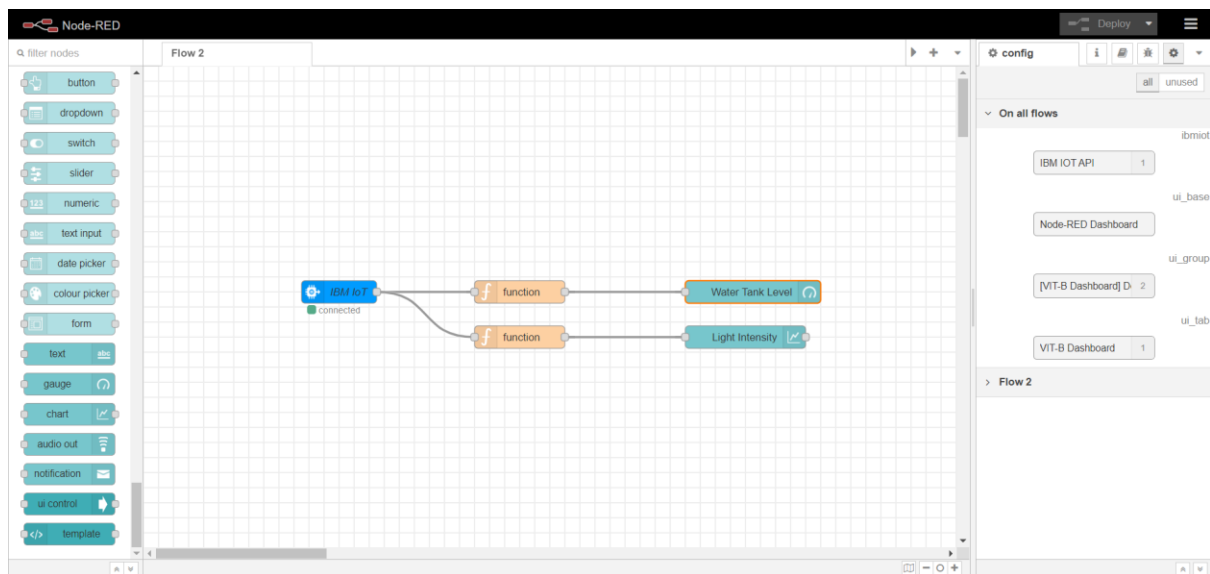

Step 2- Open IBM Cloud platform and launch the NODE-RED app. Add an input pallet then configure its details with the API key and device data generated on the Watson IoT platform.

Step 3- Edit the python program with your device details along with the Auth Token. Execute the program to send data to the IBM Watson platform. This data is then sent to the Node-Red service.

Step 4- Now add the function and dashboard pallets to the flow. Configure them with correct device id and details.

Step 5- Add the UI elements such as the chart, gauge, etc to visualize the data. Open the dashboard In NODE-RED and open the URL.