Assignment -3

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★ **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.**
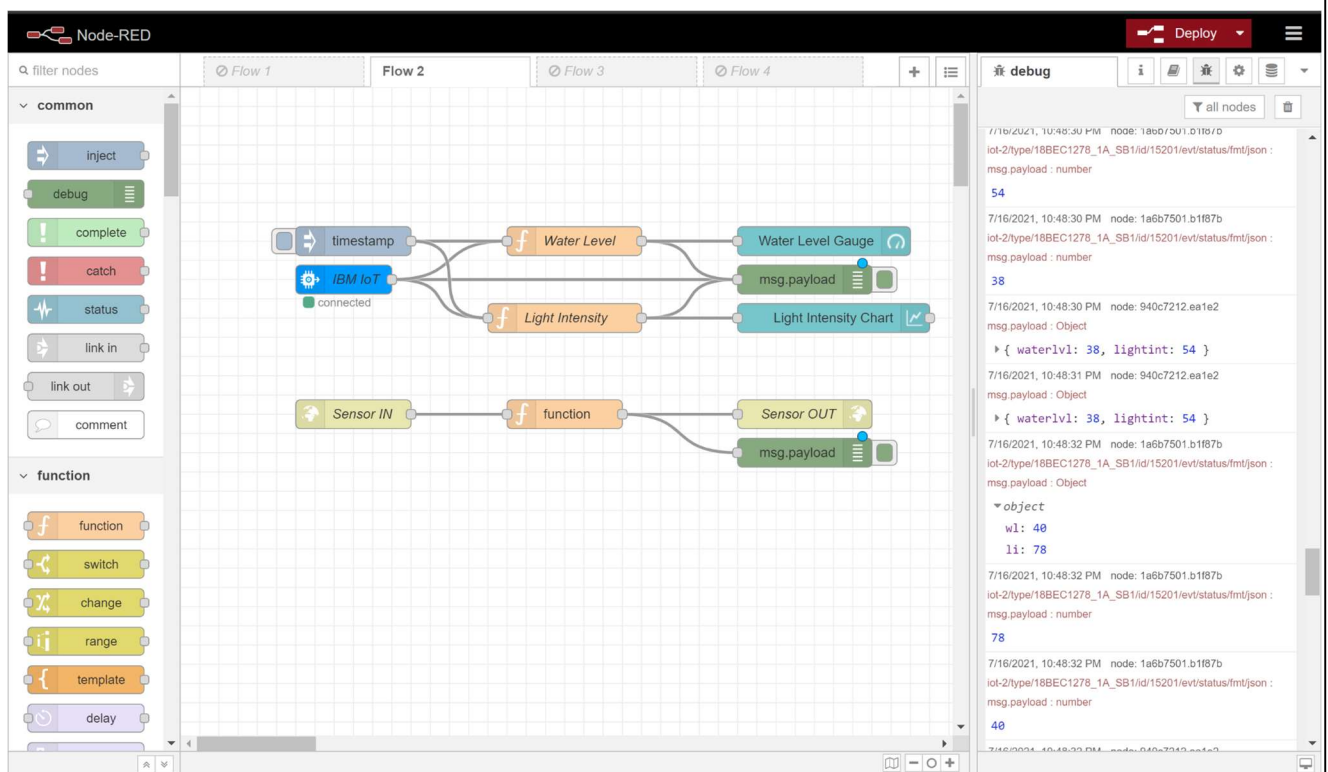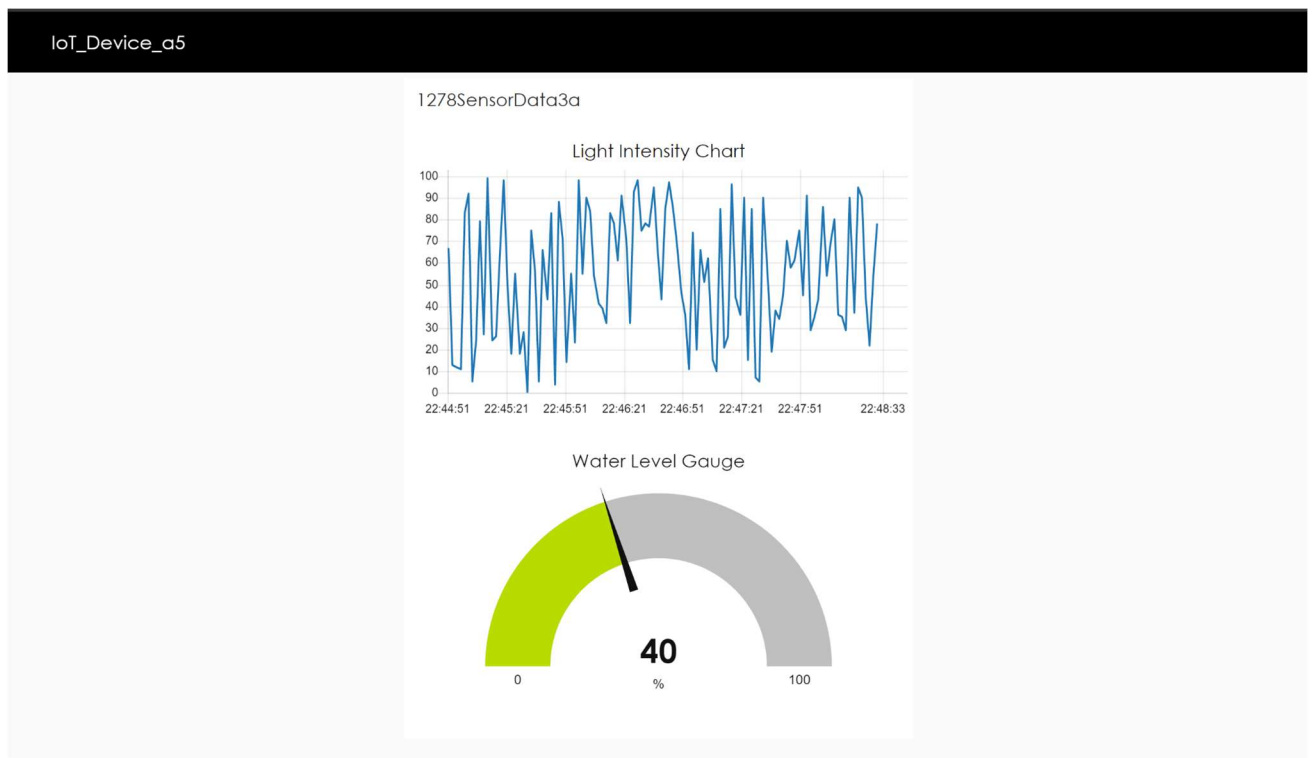

Fig-1: Node-RED flow

IoT_Device_a5

1278SensorData3a

Light Intensity Chart

Water Level Gauge

40
%
0   100

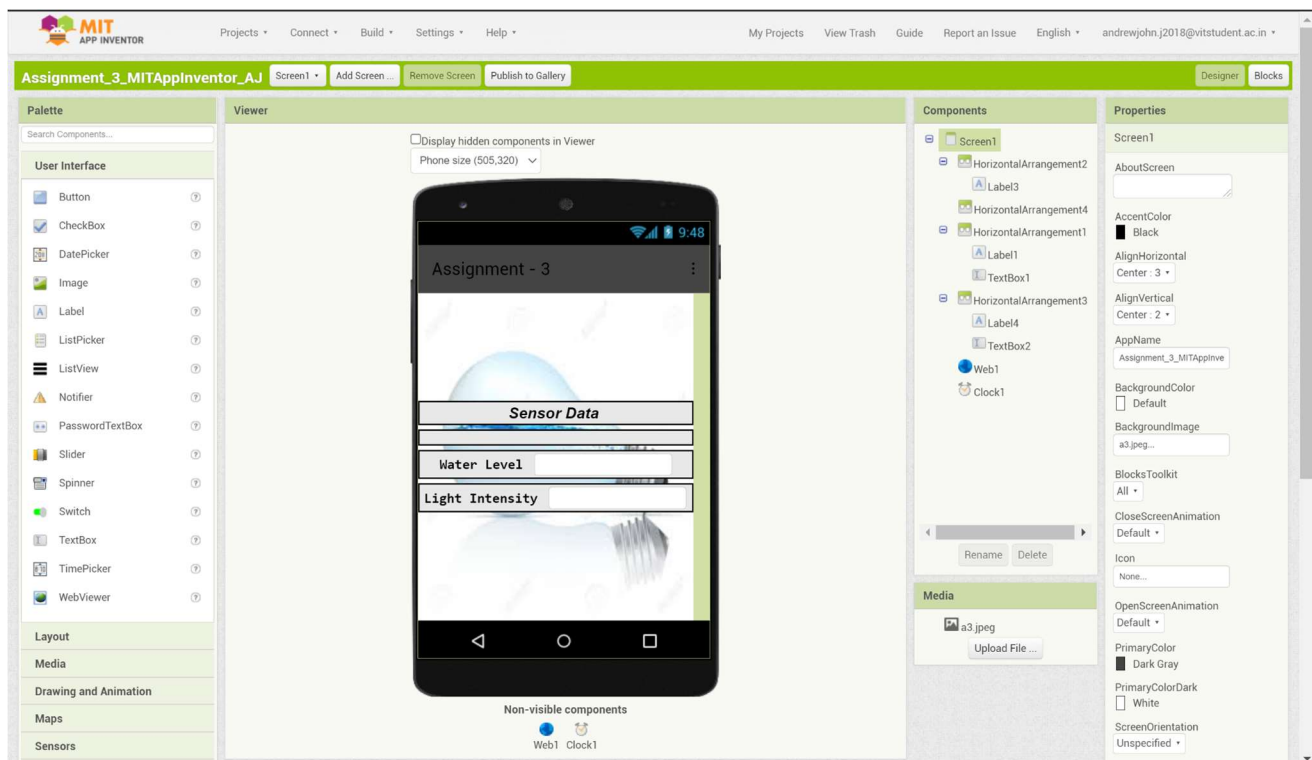*Fig-2: Node-RED UI Dashboard*

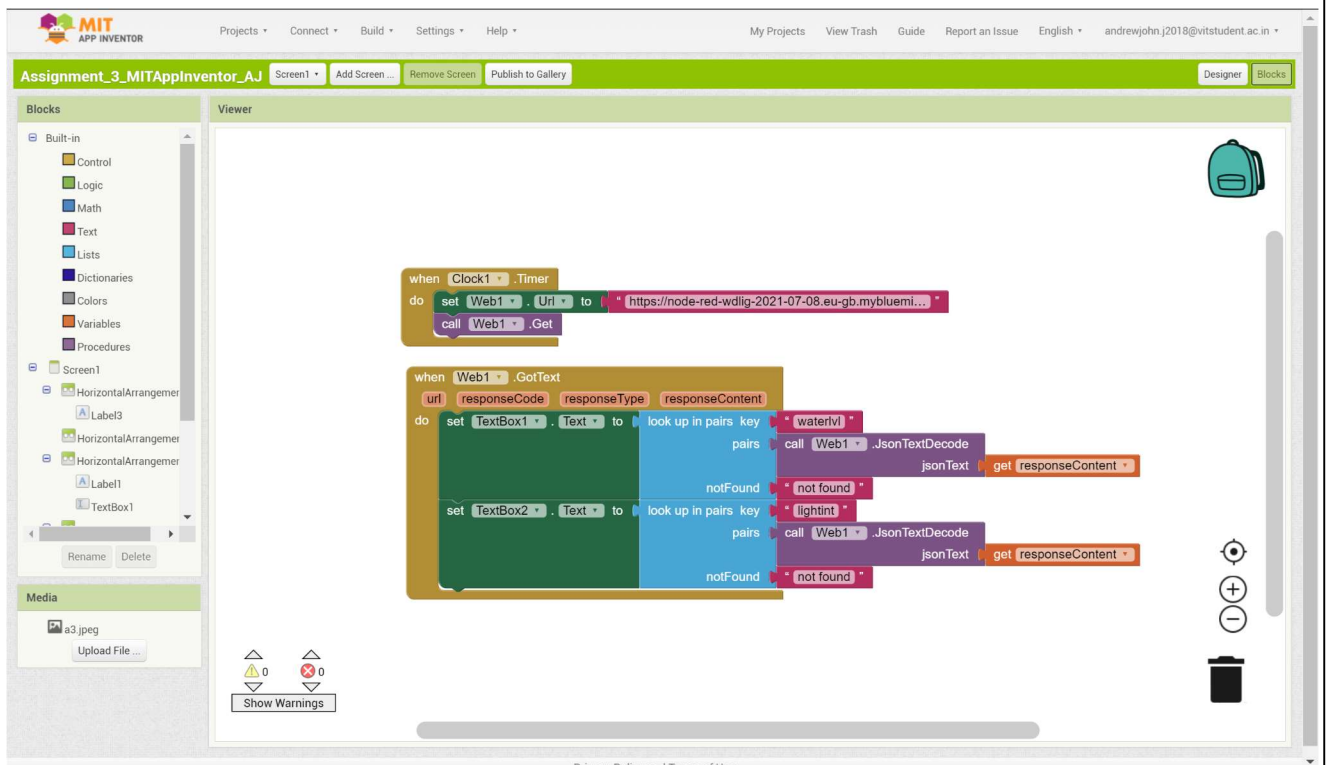

Fig-3: MIT App Inventor Designer

Fig-4: MIT App Inventor Blocks
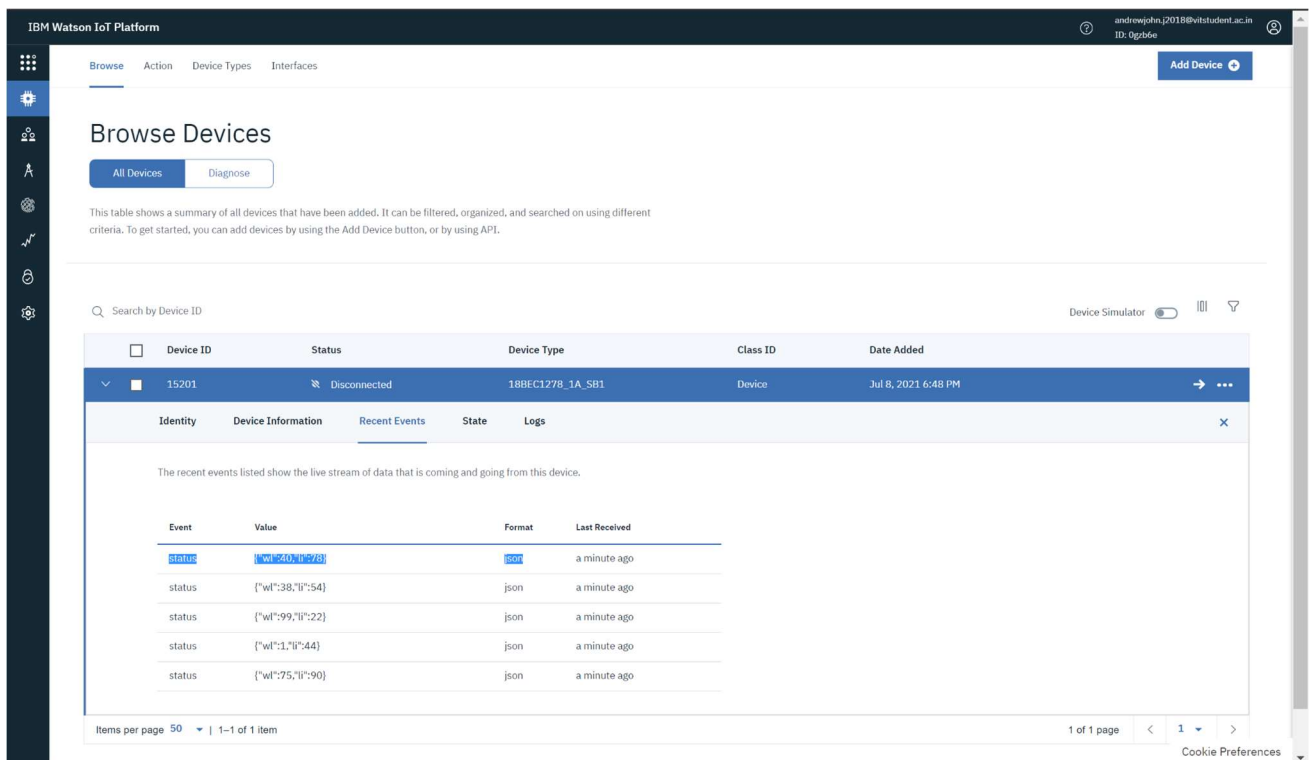
Fig-5: IBM Watson Device

Fig-6: Python Code
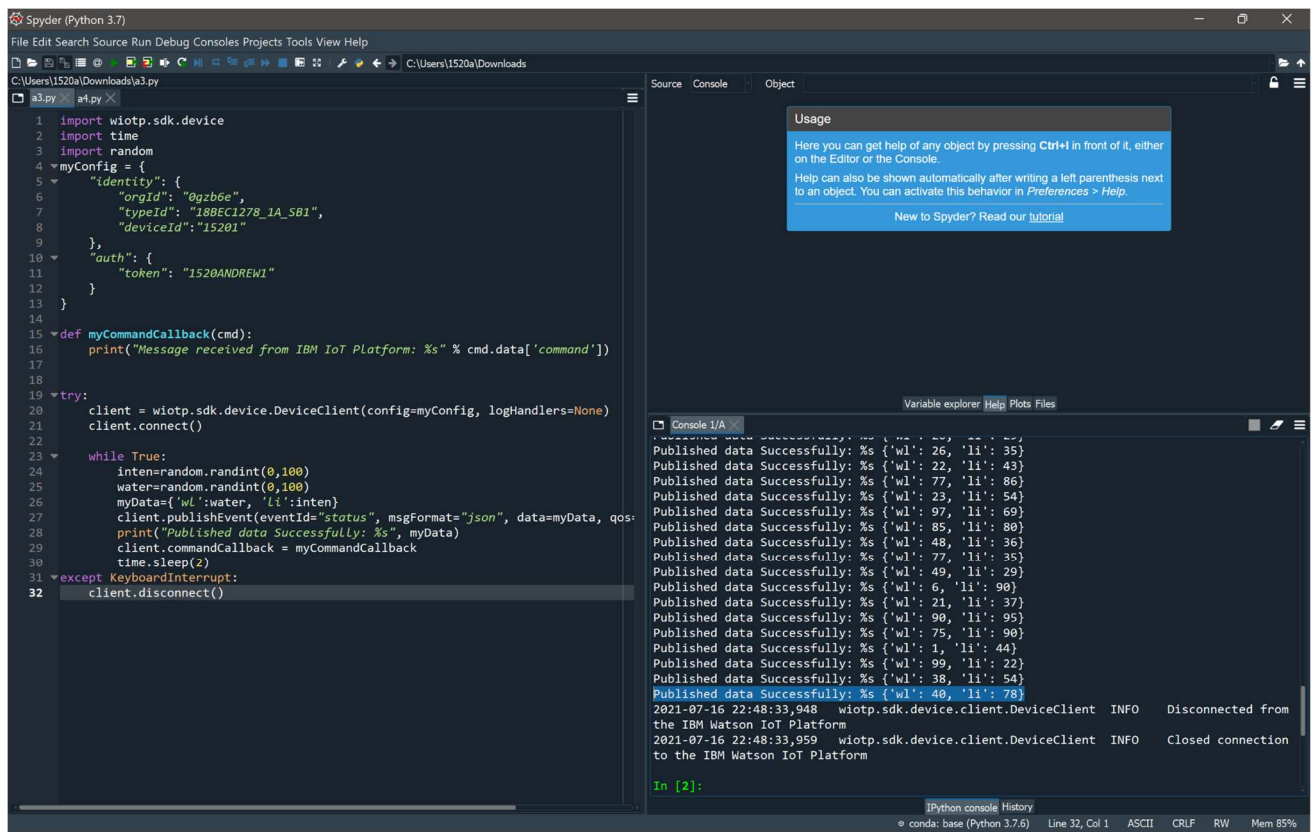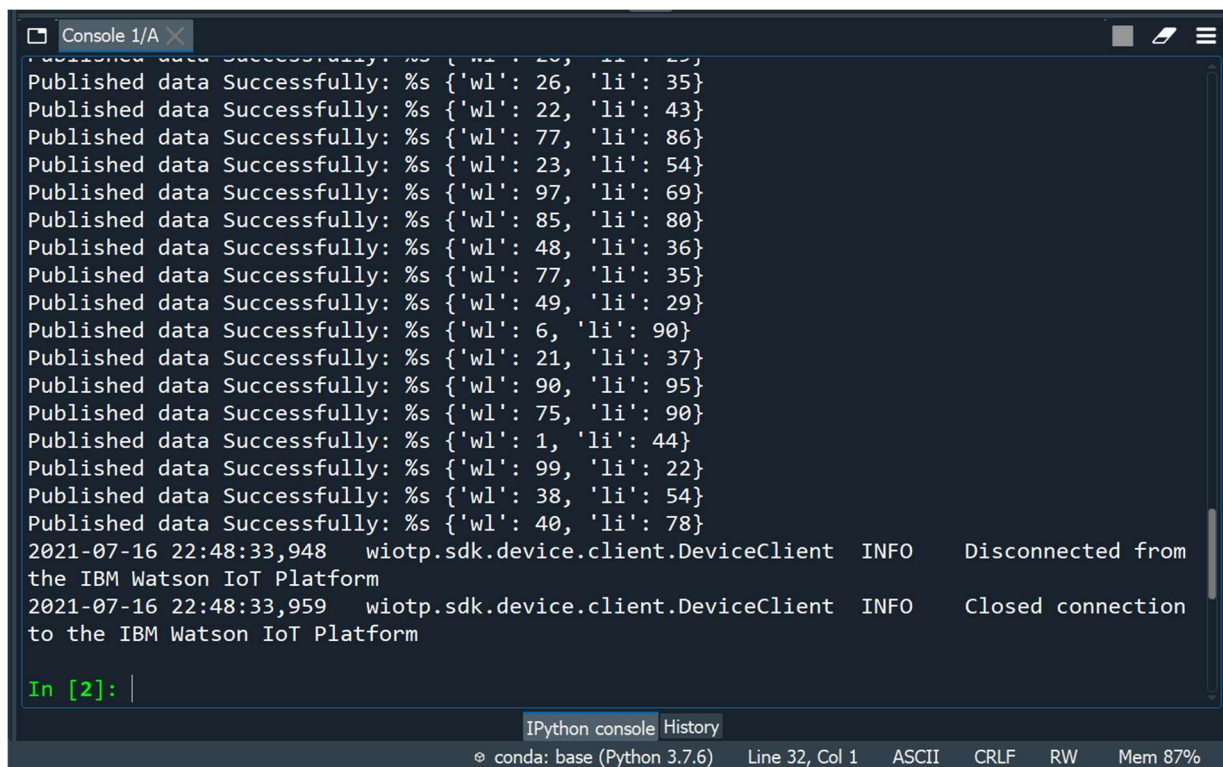

Fig-7: Python Console

{"waterlvl":40,"lightint":78}

Fig-8: Node-RED URL

Fig-9: MIT App Inventor APK App