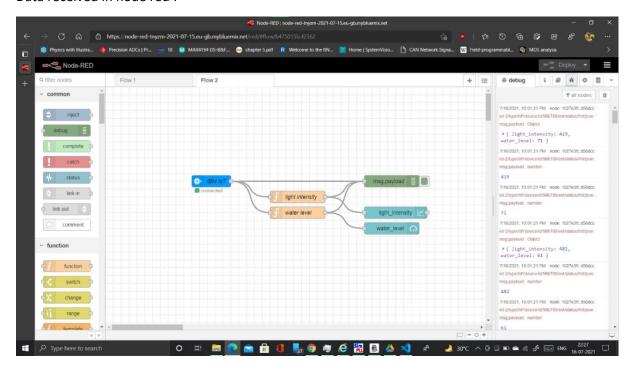
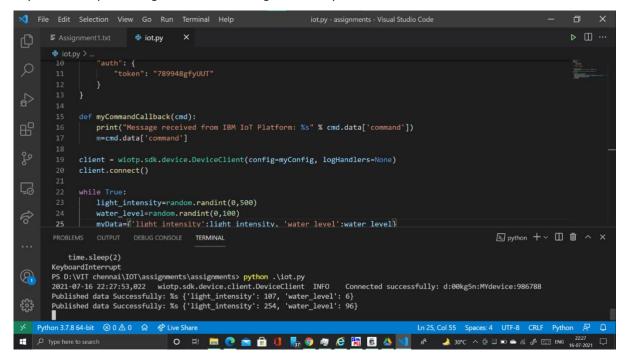
Data received in node red:



Python code which publishes water level and light intensity:

```
🍦 iot.py >
      import wiotp.sdk.device
      import time
      import random
      myConfig = {
           "identity": {
              "orgId": "00kg5n",
"typeId": "MYdevice",
               "deviceId":"986788"
               "token": "789948gfyUUT"
      def myCommandCallback(cmd):
          print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
          m=cmd.data['command']
      client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
      client.connect()
          light_intensity=random.randint(0,500)
          water_level=random.randint(0,100)
          myData={'light_intensity':light_intensity, 'water_level':water_level}
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          client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
print("Published data Successfully: %s", myData)
          client.commandCallback = myCommandCallback
          time.sleep(2)
      client.disconnect()
```

Python code publishing water level and light intensity data to cloud:



Data viewed from web application:

