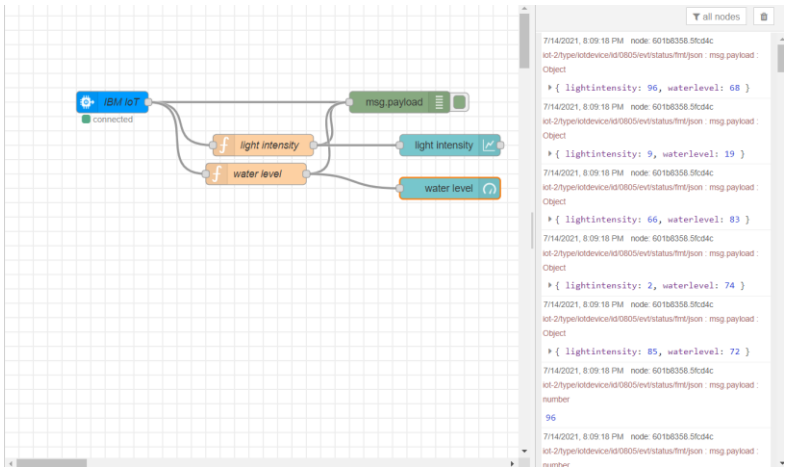
ASSIGNMENT-3

NODE RED:



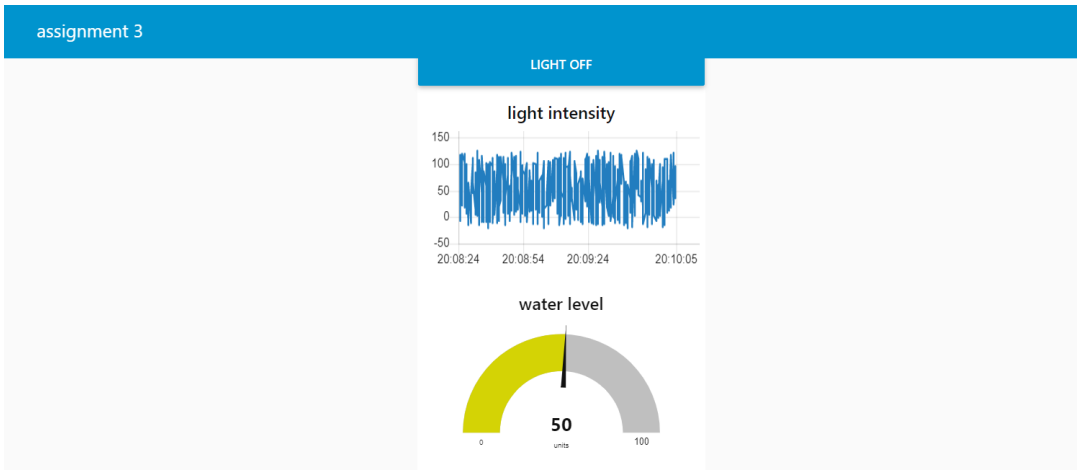
CODE:

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "enq3f4",
        "typeId": "iotdevice",
        "deviceId":"0805"
    },
    "auth": {
        "token": "87654321"
}
    }



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()

while True:
    li=random.randint(-20,125)
    wl=random.randint(0,100)
    myData={'lightintensity':li, 'waterlevel':wl}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Published data Successfully: %s", myData)
    client.commandCallback = myCommandCallback
client.disconnect()
```

UI: