

## ASSIGNMENT-3

**K.Sai Ganaamruth**

**19BCG10083**

```
import wiotp.sdk.device
import time
import random

myConfig = {
    "identity": {
        "orgId": "zecd4s",
        "typeId": "MyDevice",
        "deviceId": "00001"
    },
    "auth": {
        "token": "02102001"
    }
}
```

```
def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" %
          cmd.data['command'])
```

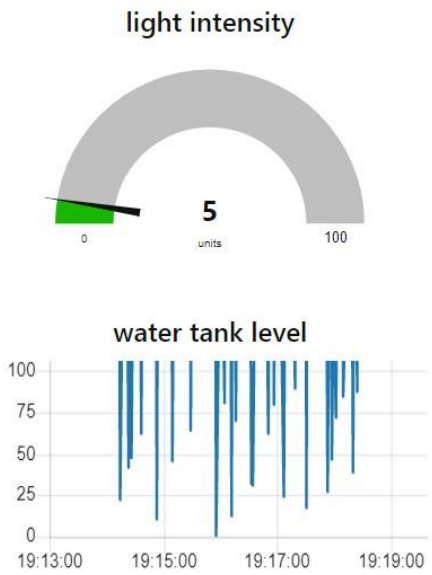
```
m=cmd.data['command']

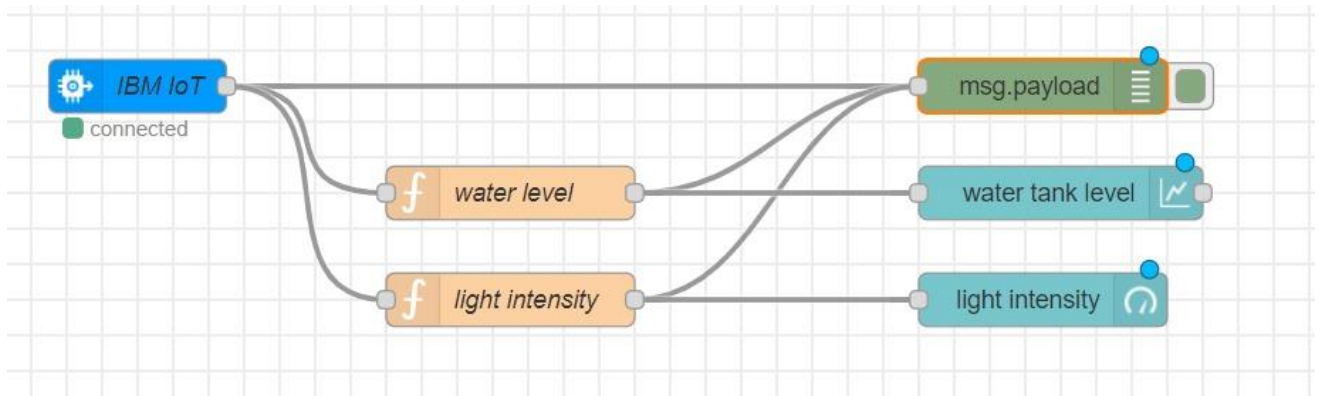
client = wiotp.sdk.device.DeviceClient(config=myConfig,
logHandlers=None)

client.connect()

while True:
    level=random.randint(0,500)
    light=random.randint(0,100)
    myData={'waterlevel':level, 'lightintensity':light}
    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()
```

sensor data





## sensor data

