

## ASSIGNMENT 3

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**CODE:**

```
import wiotp.sdk.device import time

import random myConfig = {

"identity": {

"orgId": "zec4s", "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)

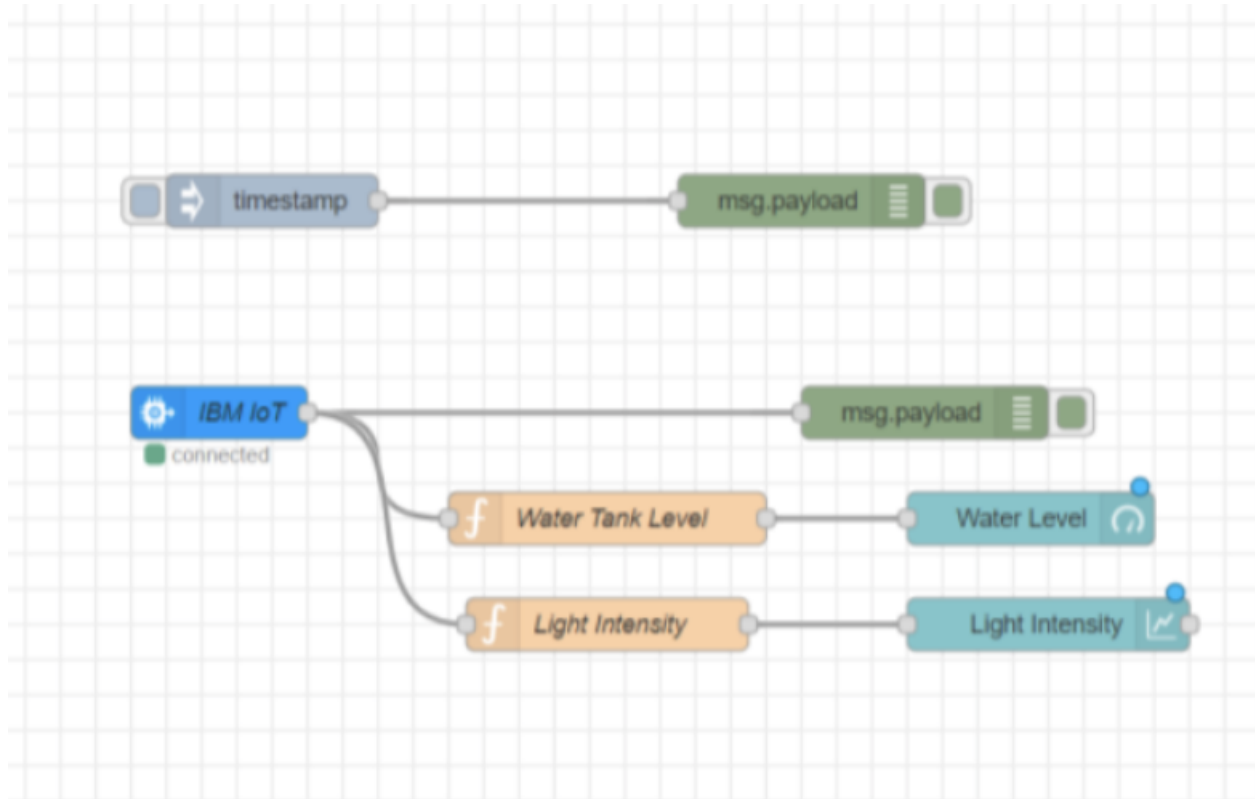
myData={'waterlevel':level, 'lightintensity':light}

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()
```



## VISUALIZATION

