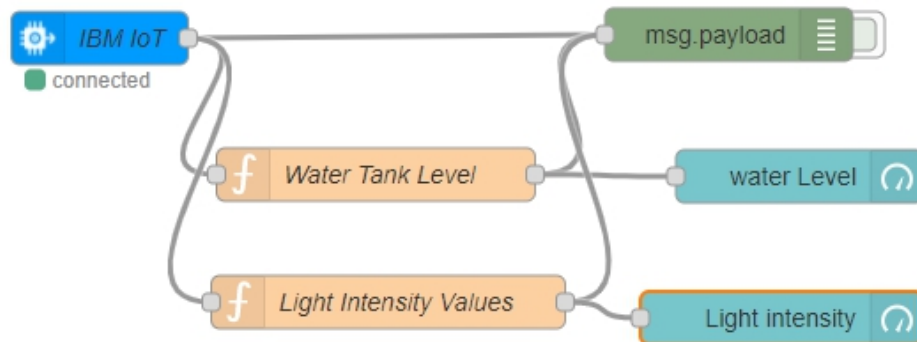# Assignment 3

## 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.

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**19bee1045**

**CIRCUIT**



**CODE**

```python
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "f6qz98",
        "typeId": "vimal",
        "deviceId":"29112001"
    },
    "auth": {
        "token": "29241106"
    }
}
def myCommandCallback(cmd):
    print("Message received from IBM IoT Platform: %s" % cmd.data['command'])
```

```python
    m=cmd.data['command']
Client=wiotp.sdk.device.DeviceClient(config=myConfig,
logHandlers=None)
client.connect()
while True:
    level=random.randint(0,100)
    light=random.randint(0,100)
    myData={'wlevel':level, 'lvalues':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()
```

## OUTPUT SCREENSHOTS