ASSIGNMENT 3

NAME:CH.JOHN ABHISHEK

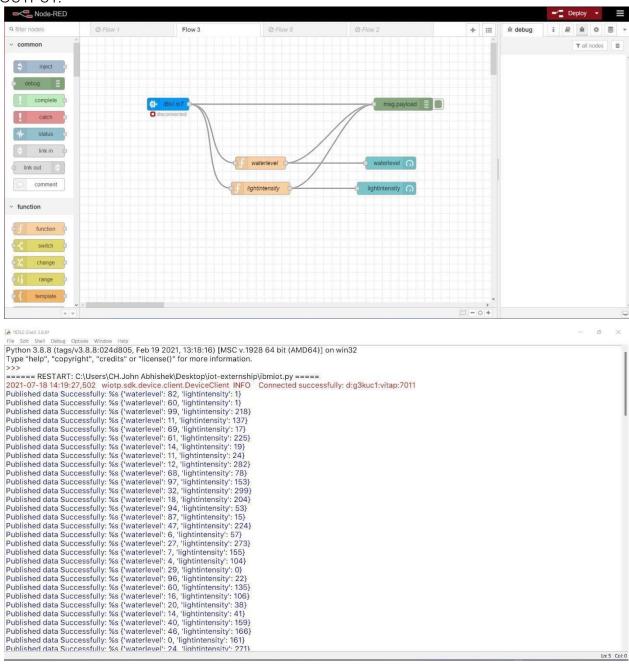
abhishek.18bev7011@vitap.ac.in

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.

```
CODE: import
wiotp.sdk.deviceimport
time import random
myConfig = {
  "identity": {
    "orgId": "g3kuc1",
    "typeld": "vitap",
    "deviceId":"7011"
  },
  "auth": {
    "token": "vitap123"
 }
}
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:
```

```
wl=random.randint(0,100)
li=random.randint(0,300)
myData={'waterlevel':wl, 'lightintensity':li}
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:



Ln: 5 Col: 0

