Assignment 3

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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.device
import time
import random
myConfig = {
  "identity": {
    "orgId": "j1cf0v",
    "typeId": "VITdevice",
    "deviceId":"12345"
  },
  "auth": {
    "token": "1234567890"
  }
}
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:
  water_level=random.randint(0,125)
```

```
light_intensity=random.randint(0,100)
myData={'water_tank_level':water_level, 'intensity':light_intensity}
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()
```













