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Assignment -3
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Q. 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": "b9uud8",
    "typeId": "VITint",
    "deviceId":"207450"
  },
  "auth": {
    "token": "987654321"
}
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(-20,125)
  Intensity=random.randint(0,100)
  myData={'Water_level':Water_level, 'Intensity':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()
```





