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###########
Assignment
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Assignment 3
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:Question: Water tank level and light intensity visualization.
Code
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Python code::
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 import wiotp.sdk.device
 import time
 import random
 myConfig = {
   "identity": {
     "orgId": "cljthj",
     "typeId": "Device",
     "deviceId":"12345"
   },
   "auth": {
     "token": "12345678"
   }
 }
 def myCommandCallback(cmd):
     "Message received, but I don't want it. You handle this one: {0}".format(
       cmd.data['command']
     )
   )
 client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
 client.connect()
 i = 0
 try:
   while i < 4:
     i += 1
     keyIp = input('\nPress [Enter] to continue or [q] [Enter] to quit: ')
     print(")
     if (\text{keyIp} == 'q'):
       break
```

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myData={
     'watertanklevel': random.randint(0,100),
     'lightintensity':random.randint(0,100),
   client.publishEvent(
     eventId="status",
     msgFormat="json",
     data=myData,
     qos=0,
     onPublish=None,
   print("Published data successfully: {0}".format(myData))
   client.commandCallback = myCommandCallback
   time.sleep(2)
 print('Exiting ...\n')
except KeyboardInterrupt:
 print('Exiting ...\n')
client.disconnect()
```

Screenshots

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