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#TBM Watson IoT Platform
#pip install wiots-sdk
import wiots.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgid": "midsk9s",
        "typeId": "pythonconode",
        "deviceId": "252525"
    },
    "auth": {
        "token": "qGq9090f0qG6b1tpuc"
    }
}
def myCommandCallback(cmd):
    print("Message received from TBM IoT Platform: %s" % cmd.data['command'])
    myCmd.data['command']

client = wiots.sdk.device.DeviceClient(config=myConfig,
logHandler=None)
client.connect()

while True:
    latitude=random.uniform(27.2046,125.25)
    longitude=random.uniform(97.4977,100.1526)
    binlevel=random.randint(0,100)
    if binlevel >= 90:
        myData={'latitude':latitude, 'longitude':longitude, 'binlevel':binlevel}
        callbackEvent(eventId="status", msgformat="json", data=myData, qos=0,
onPublish=None)
        #print("Published data successfully: %s" % myData)
        print("BIN IS FULL!!!!")
        myData['commandCallback' = myCommandCallback
        time.sleep(2)
    else:
        print("BIN IS IN NORMAL LEVEL")
        time.sleep(2)

client.disconnect()
```