PYTHON CODE:

#IBM Watson IOT Platform #pip install wiotp-sdk import wiotp.sdk.device import time

import random myConfig = {

"identity": { "orgId": "fa4qjp",

"typeId": "123", "deviceId":"1234567"

},

"auth": {

"token": "12345678"

}

}

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:

latitude=random.uniform(27.2046,125.25) longitude=random.uniform(77.4977,100.1526) binlevel=random.randint(10,100)

if binlevel >= 90:

myData={'latitude':latitude, 'longitude':longitude,'binlevel':binlevel} client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,

onPublish=None)

##print("Published data Successfully: %s", myData) print("!!!!!!!!!BIN IS FULL!!!!!!!!!! ",myData)

client.commandCallback = myCommandCallback time.sleep(2)

else :

print("BIN IS IN NORMAL LEVEL")

time.sleep(2)

client.disconnect()