Develop A Python Script

Date	7 November 2022
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Project Tittle	Smart waste management system formetropolitan cities.

CODE :

```
#IBM Watson IOT Platform#pip install wiotp-
sdk import wiotp.sdk.device import time
import random myConfig = {
"identity": { "orgId": "mldk59",
"typeId": "pythoncode",
"deviceId":"252525"
},
"auth": {
"token": "QZqODYo6U*Q6b+IpuC"
} }
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()
```