```
PYTHON CODE:
import wiotp.sdk.device
import time
import os
import datetime
import random
myConfig = {
  "identity":{
    "orgld":"jpj8ce",
    "typeId":"NodeMCU",
    "deviceId":"0001"
    },
  "auth":{
    "token":"12345678"
    }
  }
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
def myCommandCallback(cmd):
  print("Message received from IBM IoT platform: %s" % cmd.data['command'])
  m=cmd.data['command']
  if(m=="show"):
    print("Output is displayed")
  elif(m=="hide"):
    print("Output is not displayed")
  print(" ")
```

```
while True:
    toxic=random.randint(0,100)
    temperature=random.randint(0,60)
    ph=random.randint(1,14)
    myData={'toxic':toxic,'temperature':temperature,'ph':ph}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Published data successfully: %s", myData)
    time.sleep(2)
    client.commandCallback = myCommandCallback
    client.disconnect()
```

PYTHON OUTPUT:

```
Re fair Seel Debug Options Window Help

Type "Tell-17", "copyright", "deceptions" or "inconsected successfully: dipplice: ModeWCV:0001

Phython 3.74 (LegaryAn.7.4:e09359112e, Jul. 2019, 20134:20) [MSC v.1916 of bit (AMD64)] on vin32

Type "Tell-19", "copyright", "copyright", "inconsected successfully: dipplice: ModeWCV:0001

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COMPARISION B/W PYTHON AND NODE-RED:

