**Python script**

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| Team Id | PNT2022TMID11549 |
| Maximum Marks | 4 Marks |

#IBM Watson IOT Platform  
#pip install wiotp-sdk  
import wiotp.sdk.device  
import time  
import random  
myConfig = {  
 "identity": {  
 "orgId": "ay8bvr",  
 "typeId": "NodeMCU",  
 "deviceId":"12345"  
 },  
 "auth": {  
 "token": "syVezHEadzX9CZgKi\*"  
 }  
}  
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:  
 temp=random.randint(-20,125)  
 hum=random.randint(0,100)  
 myData={'temperature':temp, 'humidity':hum}  
 client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)  
 print("Published data Successfully: %s", myData)  
 client.commandCallback = myCommandCallback  
 time.sleep(2)  
client.disconnect()