SPRINT 2-REPORT SMART FARMER-IoT BASED SMART FARMING APPILCATION

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Develop python code

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                                                                                          farm (1).py - Visual Studio Code
                                         • farm (1).py X

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       You have not yet opened a folder.
                Open Folder
       Opening a folder will close all
       currently open editors. To keep them
                                                myConfig = {
                                                    "identity": []

"orgId": "z45pp6",

"typeId": "project",

"deviceId": "12345"
G
ş
                                                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=="motoron"):
                                                      print("Motor is switched off")
                                                    soil=random.randint(0, 100)
                                                    temp=random.randint(-20, 125)
                                                   hum=random.randint(0, 100)
                                                    myData={'soil_moisture':soil, 'temperature':temp, 'humidity':hum}
                                                    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
print("Published Data Successfully: %s", myData)
                                                    time.sleep(2)
                                                    {\tt client.myCommandCallback = myCommandCallback}
    > OUTLINE
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  80°F
Rain to stop
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Output:



