

DEVELOP A PYTHON SCRIPT

IoT Based Gadget for CHILD SAFETY MONITORING AND NOTIFICATION

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```
python1.py - C:/Users/Karuna/Desktop/python1.py (3.7.4)
File Edit Format Run Options Window Help

import json
import wiotp.sdk.device
import time

myConfig = {
    "identity": {
        "orgId": "b0041d",
        "typeId": "MyDevice",
        "deviceId": "1234"
    },
    "auth": {
        "token": "wT80cR4TzKiaXI;u)8"
    }
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandler=None)
client.connect()

while True:
    name= "Smartbridge"
    #in area location

    #latitude= 17.4211176
    #longitude= 78.5458842

    #out area location

    latitude= 17.4219272
    longitude= 78.5488783
    myData={'name': name, 'lat':latitude, 'lon':longitude}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)
    print("Data published to IBM IOT platform: ",myData)
    time.sleep(5)

client.disconnect()
```

```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:09339112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Karuna/Desktop/python1.py =====
2022-11-15 12:09:45,131 wsioip.sdk.device.client.DeviceClient INFO Connected successfully: diboookid:MyDevice:1234
Data published to IBM IOT platform: {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5488783}
Data published to IBM IOT platform: {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5488783}
Data published to IBM IOT platform: {'name': 'Smartbridge', 'lat': 17.4219272, 'lon': 78.5488783}
```

