

CODING AND SOLUTION

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PYTHON CODE:

```
pythoncode1.py - C:/Users/User/AppData/Local/Programs/Python/Python37-32/pythoncode1.py (3.7.0)
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import json
import wiotp.sdk.device
import time
myConfig={"identity":{"orgId":"bj2yxw",
                    "typeId":"Testdevice",
                    "deviceId":"1234567"},
          "auth":{"token":"Gayathri@09"}
        }

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
while True:
    name="Smartbridge"
    #in area location
    #latitude=17.4225176
    #longitude=78.5450842
    #out area location
    Latitude=17.4219272
    Longitude=70.5400783
    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 CODE - OUTPUT

[illegible]