

## TEAM ID: PNT2022TMID04578

FINAL CODE :

```
import json
import wiotp.sdk.device
import time
import random

myConfig = {
    "identity":{
        "orgId": "dtjndm",
        "typeId": "NodeMCU",
        "deviceId": "12345"
    },
    "auth": {
        "token":"ZpMI(1tuH5i)sUReQi"
    }
}

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

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

    latitude= 17.4225176
    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 platfrom: ", myData)
```

```
time.sleep(5)
```

```
client.disconnect()
```