CODING

```python
import json

import wiotp.sdk.device

import time

myConfig={

  "identity":{

  "orgId": "rdegyk",

  "typeId":"safetygad",

  "deviceId":"gad1"

  },

  "auth":{

    "token":"gyg06jzil(!ITGKxV"

  }

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

client.connect()

while True:

  name="locater"

  #in area location

  #latitude=13.145997614532394

  #longitude=80.0619303452179
```

```python
#out area location

latitude 13.15412

longitude-80.05729

myData={'name':name, 'lat':latitude, 'lon .longitude}

client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)

print("Data published to IBM lot platform: ",myData)

time.sleep(2)
```

Source Code

Code for IN Area Location:

```python
import json import

wiotp.sdk.device

import time myConfig

={

 "identity":{

 "orgId": "rdegyk",
```

```python
    "typeId":"safetygad",

    "deviceId":"gad1"

    },

    "auth":{

    "token":"gyg06jzil(!lTGsKxV"

    } } client =

wiotp.sdk.device.DeviceClient(config=myConfig,

logHandlers=None) client.connect() while True:

name="locater"

 #in area location

 latitude=13.145997614532394

 longitude=80.0619303452179

  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(2)

 client.disconnect()
```

Code for OUT Area Location:

```
import json import

wiotp.sdk.device

import time myConfig

={

 "identity":{

 "orgId": "rdegyk",

 "typeId":"safetygad",

 "deviceId":"gad1"

 },

 "auth":{

 "token":"gyg06jzil(!lTGsKxV"

 } } client =

wiotp.sdk.device.DeviceClient(config=myConfig,

logHandlers=None) client.connect() while True:

name="locater"

#out area location

 latitude=13.15412
```

```python
    longitude=80.05729

    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(2)

    client.disconnect()
```