

SPRINT 2

ALGORITHM:

- Import Packages
- Create 'myConfig' location
- Implement the wiotp.sdk.device.DeviceClient
- Run a while Loop
- Finally set the latitude and longitude range
- Desired result Obtained

Modified Version of Code according to main project:

```
import json
import wiotp.sdk.device
import time
myConfig={
    "identity":{
        "orgId": "zc4u6v",
        "typeid": "ChildSafetyGadget",
        "deviceId": "PNT2022TMID15707"
    },
```

```
        "auth": {
            "token": "childsafety@123"
        }
    }

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=70.540073
    myData = {'name':name, 'lat':latitude, 'lon': longitude}
    client.publishEvent (eventId="Status", msgformat="json", data=myData,
    qos=0, onPublish=None)
    print ("Data published to IM IoT
    platfrom:",myData)
    time.sleep(5)
client.disconnect()
```