SPRINT 2

ALGORITHM:

- O Import Packages

- O Create 'myConfig' location

- O Implement the wiotp.sdk.device.DeviceClient

- O Run a while Loop

- O Finally set the latitude and longitude range

- O 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": "PNT2022TMID19737"
     },
```

```python
        "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()
```