

DEVELOPING PYTHON SCRIPT

Date	29 October 2022
Team ID	PNT2022TMID18987
Project Name	Project - IOT based safety gadget for child safety monitoring and notification

CODE :

```
Import json
Import viotp.sdk.device
Import time
myConfig = {
    "identity":{
        "orgId": "3cghy5",
        "typeId": "Childsafty",
        "deviceId": "2631"
    },
    "auth":{
        "token": "87654321"
    }
}
client = viotp.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 platform:
",myData)
    time.sleep(5)

Client.disconnect()
```