

## **PYTHON SCRIPT**

Date	15November2022
TeamID	PNT2022TMID08696
ProjectName	IOTBasedSafetyGadgetfor ChildSafetyMonitoringandnotification
MaximumMarks	8Marks

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

myconfig = {
    "identity": {
        "orgId": "hj5fmy",
        "typeId": "NodeMCU",
        "deviceId": "12345678"
    },
    "auth": {
        "token": "12345678"
    }
}
```

```
}
```

```
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 platform :",myData)
time.sleep(5)
client.disconnect()
```