

Develop A Python Script

Date	5 November 2022
Team ID	PNT2022TMID34017
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and Notification

Develop A Python Script:

```
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()
```