

Develop the Python Script

Team ID	PNT2022TMID12351
PROJECT NAME	CHILD SAFETY MONITORING AND NOTIFICATION

Python code:

```
import wiotp.sdk.device
```

```
import time
```

```
myConfig = {
```

```
    "identity": {
```

```
        "orgId": "hj5fmy",
```

```
        "typeId": "NodeMCU",
```

```
        "deviceId": "12345"
```

```
    },
```

```
    "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,'log':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()
```



```
python script.py - C:/Users/Monisha/Desktop/ibm/python script.py (3.11.0)
File Edit Format Run Options Window Help
import json
import wiotp.sdk.device
import time

myConfig = {
    "identity": {
        "orgId": "hj5fmy",
        "typeId": "NodeMCU",
        "deviceId": "12345"
    },
    "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

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    latitude=17.4219272
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    myData={'name':name,'lat':latitude,'log':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()
```

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