

DEVELOP THE PYTHON SCRIPT

Team ID	PNT2022TMID25071
Project Name	IOT Based Safety Gadget For Child Safety Monitoring & 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()
```

A screenshot of a Python script editor window titled 'python script.py - C:/Users/Monisha/Desktop/ibm/python script.py (3.11.0)'. The window has a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The script content is as follows:

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import wiotp.sdk.device
import time

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    print("Data published to IBM IOT platform:",myData)
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The status bar at the bottom right indicates 'Ln: 26 Col: 8'.