PYTHON SOURCE CODE

Date	16 November 2022
Team ID	PNT2022TMID30936
Project Name	IoT Based Safety Gadget for Child
	Safety Monitoring and Notification

CODE:

```
import json
import wiotp.sdk.device
import time
myConfig = {
  "identity":{
     "orgld": "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, 'lon':longitude}
```

```
client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None) print("Data published to IBM lot platform: ",myData) time.sleep(5)
```

client.disconnect()

Output:

```
Vasanth.py - C:\Python\Python37-32\Vasanth.py (3.7.8rc1)
                                                                                                                        *Python 3.7.8rc1 Shell*
File Edit Format Run Options Window Help
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                                                                                                                         Python 3.7.8rc1 (tags/v3.7.8rc1:5f3933d6id, Jun 17 2020, 15:59:19) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license()" for more information.
       json
wiotp.sdk.device
time
                                                                                                                            ,
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=<mark>None</mark>)
client.connect()
                                                                                                                           ta published to IBM Iot platform: {'name': 'smartbridge', 'lat': 17.4219272, 'lon': 78.548
                                                                                                                           os;
ata published to IBM Iot platform: {'name': 'smartbridge', 'lat': 17.4219272, 'lon': 78.548
  latitude= 17.4219272
longitude= 78.5488783
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myData=['name': name, 'lat':latitude, 'lon':longitude
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print("Data published to IBM Not platform: ",myData)
                                                    on':longitude}
                                                                     , data=myData, qos=0, onPublish=None
 time.sleep(5)
client.disconnect()
```

IBM CLOUD OUTPUT:

