PYTHON CODE

TEAM ID : PNT2022IBMTMID41116

PROJECT : IOT Based Safety Gadgets for Child Safety

Monitoring and Notifications

```python
Import json

Import wiotp.sdk.device

Import time

Import ibmiotf.application

Import ibmiotf.device

myConfig = {

    "identity": {

        "orgId": "6j0oju",

        "typeId": "ESP",

        "deviceId": "1234"

    },

    "auth": {

        "token": "12345678"

    }

}

Def myCommandCallback(cmd):

    Print("Command received: %s" % cmd.data['command'])

    Status=cmd.data['command']

    If status=="locationon":

        Print ("location is on")

    Elif status == "locationoff":

        Print ("location is off")

    Else :

        Print ("please send proper command")


Client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)

Client.connect()
```

```
While True:

    Name= "Sowmiya"

    #in area location


    #latitude= 17.4225176

    #longitude= 78.5458842


    #out area location


    Latitude= 9.28

    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(20)


    Client.commandCallback = myCommandCallback

Client.disconnect()
```