Date	13 November 2022
Team ID	PNT2022TMID51072
Project Name	Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning

Build Python Code:

- Importing the necessary Libraries.

```
import json
import
wiotp.sdk.device
import time


myConfig = {
        "identity": {
            "orgId": "hj5fmy",
            "typeId":
            "NodeMCU",
            "deviceId":"1234
            5"
        },
        "auth": {
          "token": "12345678"
        }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig,
logHandlers=None)client.connect()


while True:
  name
  ="smartbridge"
  #in area location
```

```
    #latitude=17.4219
    272
    #longitude=78.548
    8783

    #out area location
    latitude=17.4219
    272
    longitude=78.548
    8783
    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.disconne
 ct()
```