# TO DEVELOP A PYTHON SCRIPT

|  |  |
| --- | --- |
| Date | 16- November -2022 |
| Team ID | PNT2022TMID48657 |
| Project Name | Project-Smart Waste Management System in Metropolitan Cities. |
| Maximum Marks | 8 Marks |

Python code

import wiotp.sdk.device

import time

import json

myConfig = {

"identity": {

"orgId": "90pizh",

"typeId": "NodeMCU",

"deviceId":"123456" },

"auth": {

"token": "8098439666"

}

}

client = wiotp.sdk.device.DeviceClient(config=myConfig,

logHandlers=None)

client.connect()

while True:

name="smartbridge"

latitude=17.4225176

longitude=70.5450042

myData={'name': 'name', 'lat': latitude, 'lon': longitude} client.publishEvent(eventId="status", msgFormat="json",

data=myData, qos=0, onPublish=None)

print ("Published data to IBM iot platform: %s", myData)

time.sleep (5)

client.disconnect ()

PYTHON IDLE OUTPUT:





