**DEVELOPING PYTHON SCRIPT**

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| Date | 14 November 2022 |
| Team ID | PNT2022TMID48304 |
| Project Name | Project - IoT Based Smart Crop Protection System for Agriculture |
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**LOCATION DATA:**

import wiotp.sdk.device

import time

import random

myConfig={

"identity": (

"orgId": "gagtey",

"typeId": "GPS",

"deviceId":"12345"},

"auth": {

"token": "12345678"

}}

def myCommandCallback (cmd):

print ("Message received from IBM IoT Platform: %s" %

cmd.data['command']) m-cmd.data['command']

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

logHandlers=None)

client.connect()

def pub (data):

client.publishEvent (eventId="status", msgFormat="json",

data=myData, qos=0, print("Published data Successfully: %s",

myData)

while True:

myData={'name': 'Train1', 'lat': 17.6387448, 'lon':

78.4754336)

pub (myData)

time.sleep (3)

#myData('name': 'Train2', 'lat': 17.6387448, 'lon':

78.4754336)

#pub (myData)

#time.sleep (3)

myData={'name': 'Train1', 'lat': 17.6341908, 'lon':

78.4744722)

pub (myData)

time.sleep(3)

myData={'name': 'Trainl', 'lat': 17.6340889, lon': 78.4745052)

pub (myData)

time.sleep(3)

myData={'name': 'Trainl', 'lat': 17.6248626, 'lon': 78.4720259)

pub (myData)

time.sleep (3)

myData={'name': 'Trainl', 'lat': 17.6188577, 'lon': 78.4698726)

pub (myData)

time.sleep (3)

myData={'name': 'Train1', 'lat': 17.6132382, 'lon':

78.4707318)

pub (myData)

time.sleep (3)

client.commandCallback = myCommandCallback

client.disconnect()