**TEAM ID :** PNT2022TMID12783

**PROJECT TITLE :** Industry-Specific Intelligent Fire Management System

Python code

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#IBM Watson IOT platform

#pip install wiotp-sdk

import wiotp.sdk.device

import time

import random

myConfig={

"identity": {

"orgId":"86ykjn",

"typeId":"Iot\_python",

"deviceId":"4702"

},

"auth": {

"token":"&UA!cNgGrBoj+T+\_KA"

}

}

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()

while True:

temp=random.randint(-20,125)

hum=random.randint(0,100)

myData={'temperature':temp,'humidity':hum}

client.publishEvent(eventId="status",msgFormat="json",data=myData,qos=0,onPublish=None)

print("Published data Successfully: %s", mydata)

client.commandCallback=myCommandCallback

time.sleep(2)

client.disconnect()