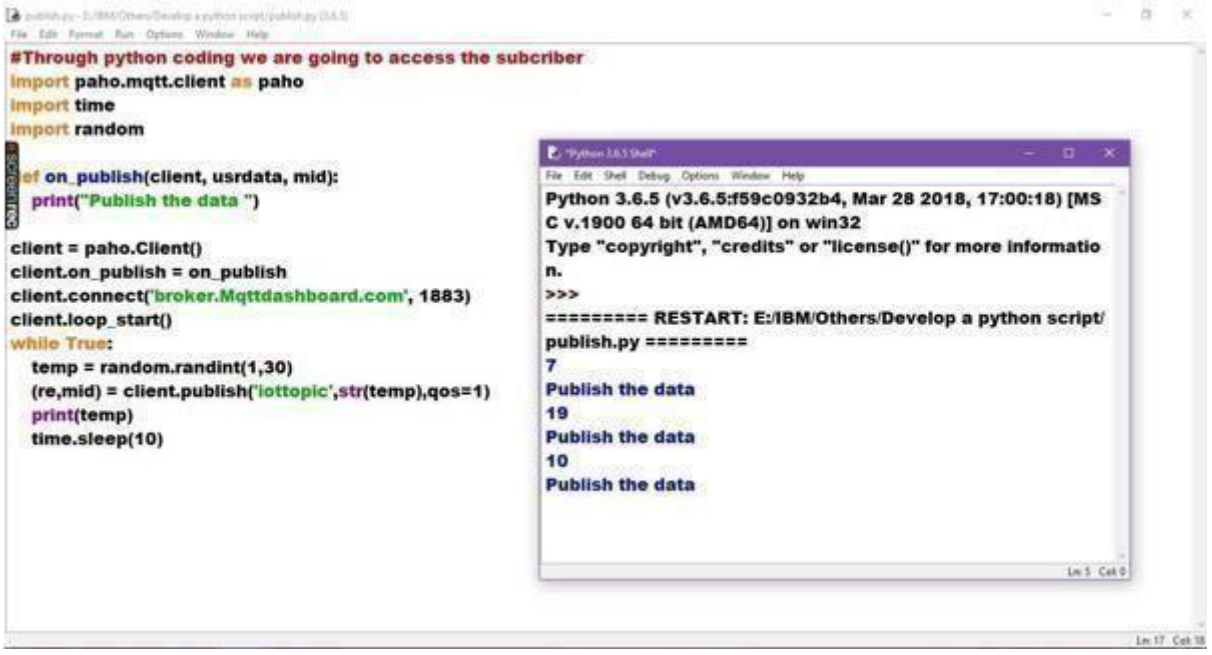
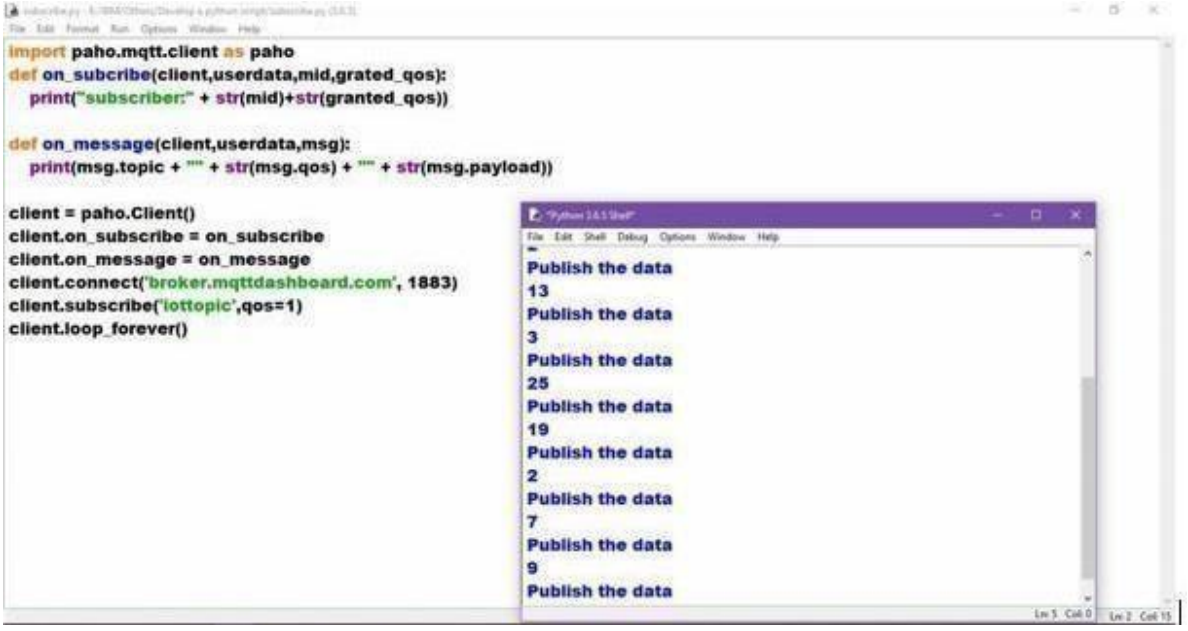
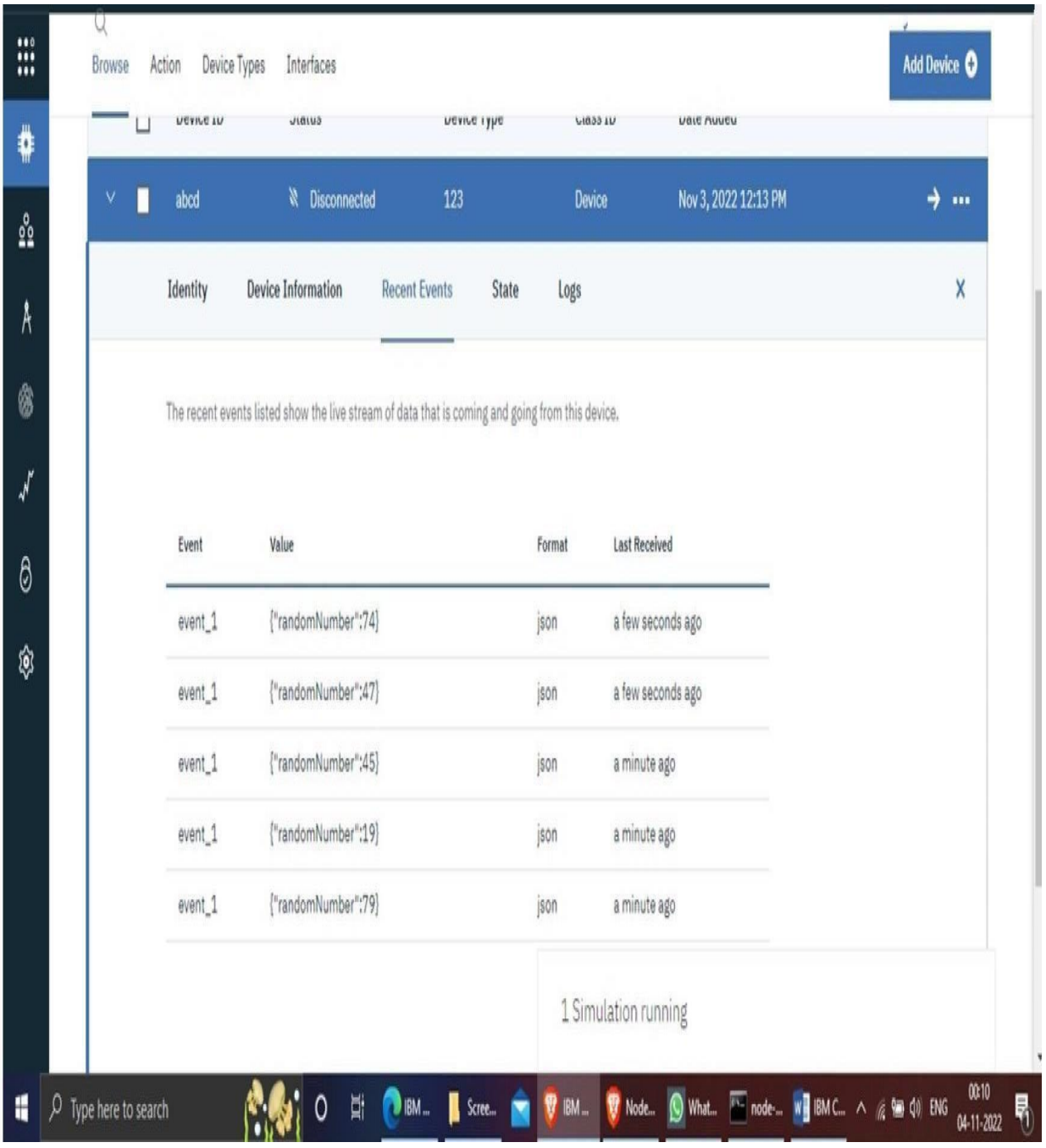
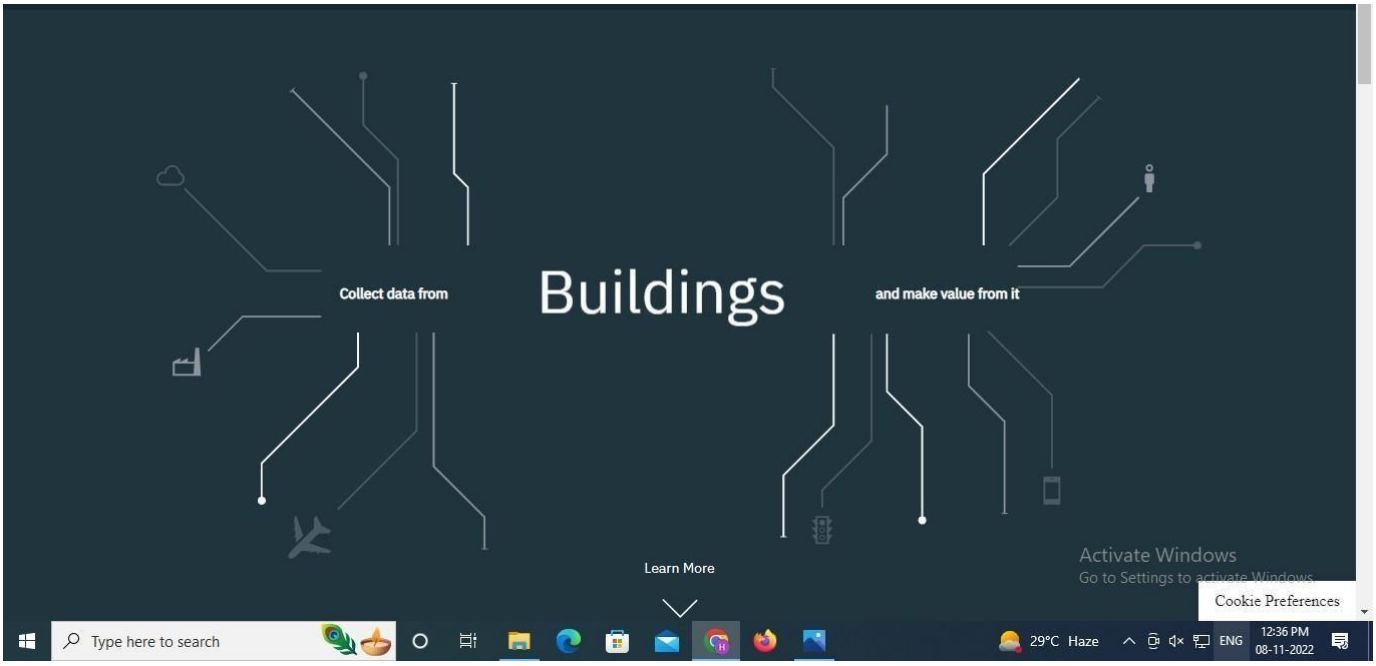
DEVELOP THE PYTHON SCRIPT(PUBLISH DATA TO IBM CLOUD)

IBM ID	IBM-Project-6081-1658823192
Team ID	PNT2022TMID10960
Project Name	Industry-Specific Intelligent Fire Management System






Browse
Action
Device Types
Interfaces
Add Device
Device ID
Status
Device Type
Class ID
Date Added
abcd
Disconnected
123
Device
Nov 3, 2022 12:13 PM
Identity
Device Information
Recent Events
State
Logs
X
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
event_1
{"randomNumber":74}
json
a few seconds ago
event_1
{"randomNumber":47}
json
a few seconds ago
event_1
{"randomNumber":45}
json
a minute ago
event_1
{"randomNumber":19}
json
a minute ago
event_1
{"randomNumber":79}
json
a minute ago
1 Simulation running
Type here to search
ENG
00:10
04-11-2022



Program :

```
#IBM Watson IOT
Platform

#pip install wiotp-sdk
import wiotp.sdk.device
import time import
random

myConfig = {"identity":
{
   "orgId": "f68qgi",
   "typeId": "NodeMCU",
   "deviceId":"2345"},
   "auth": {"token": "12345678"}
}
def myCommandCallback(cmd):    print ("Message received from IBM
IoTPlatform: %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()
```