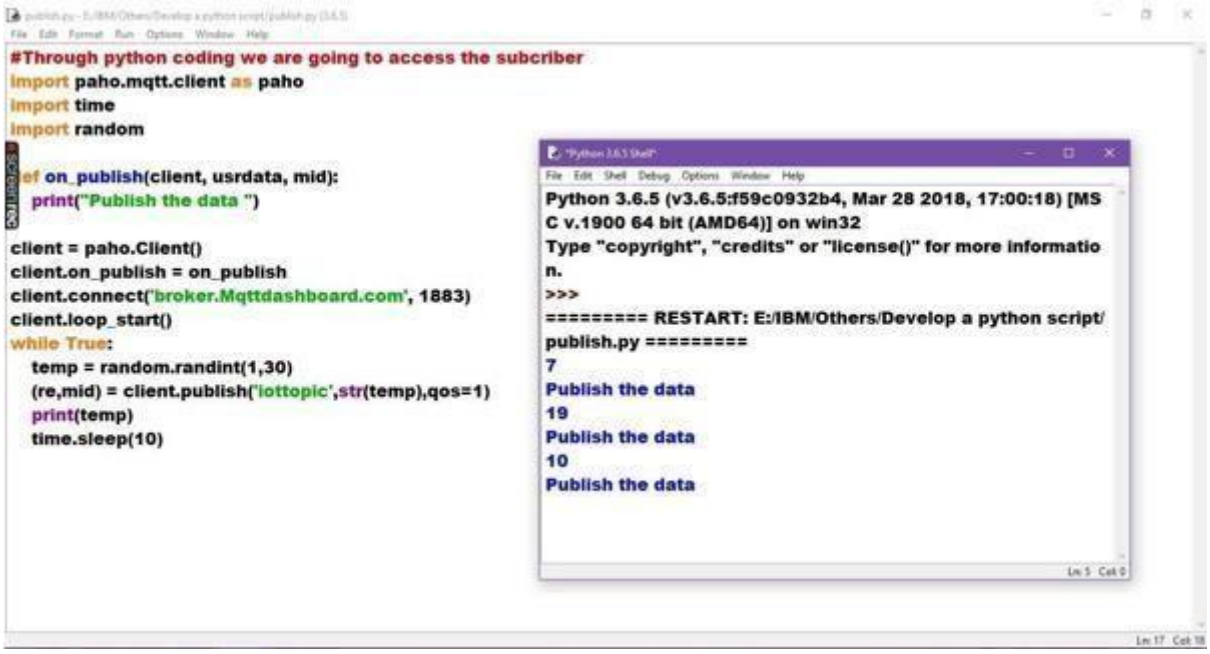
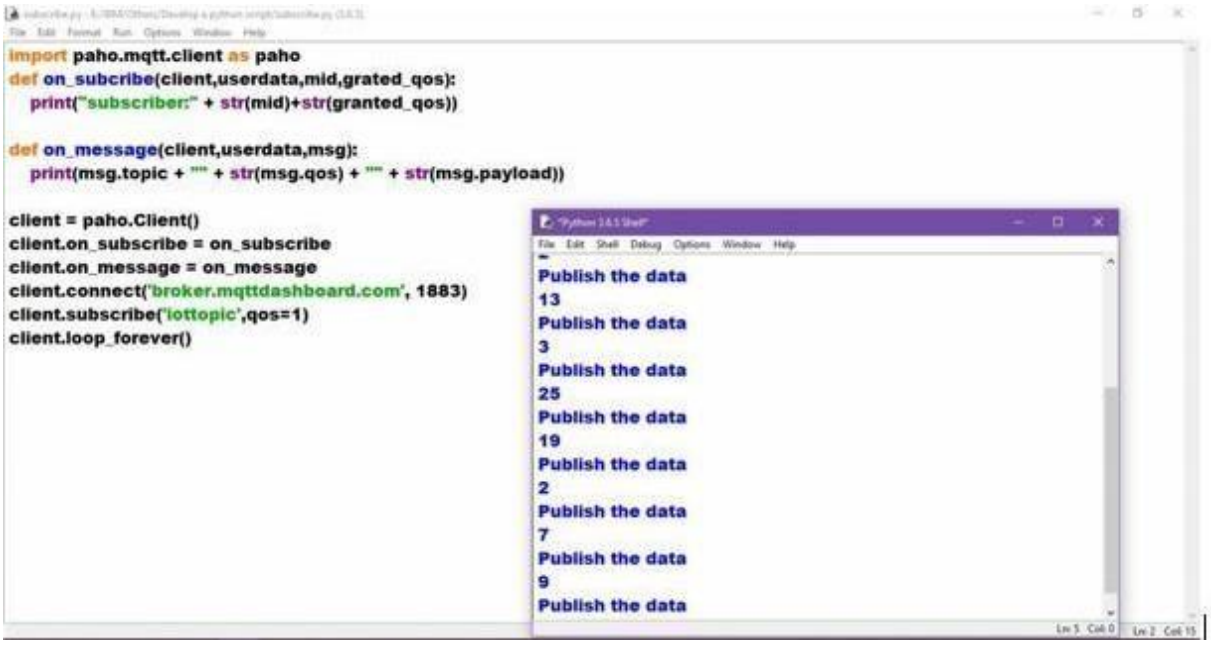
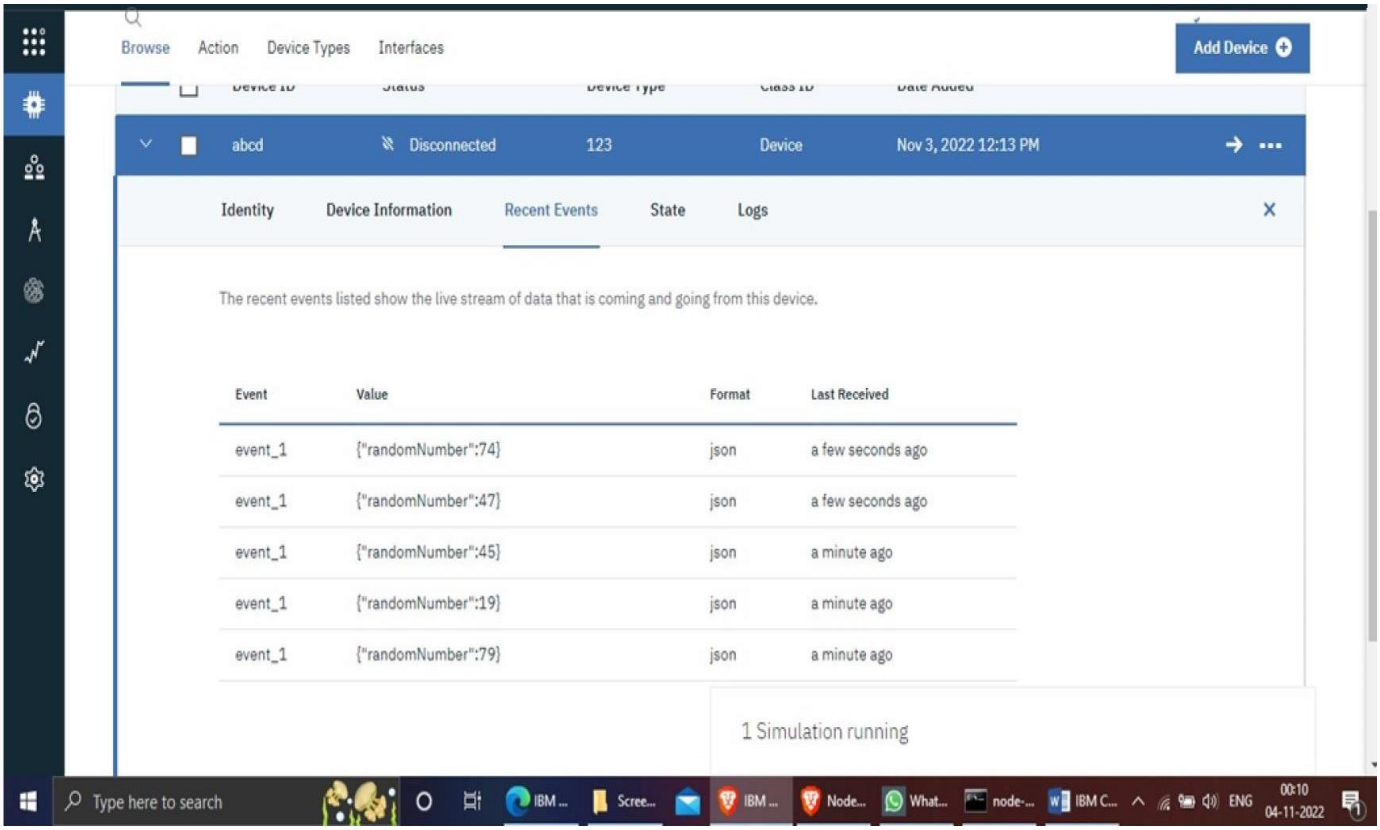
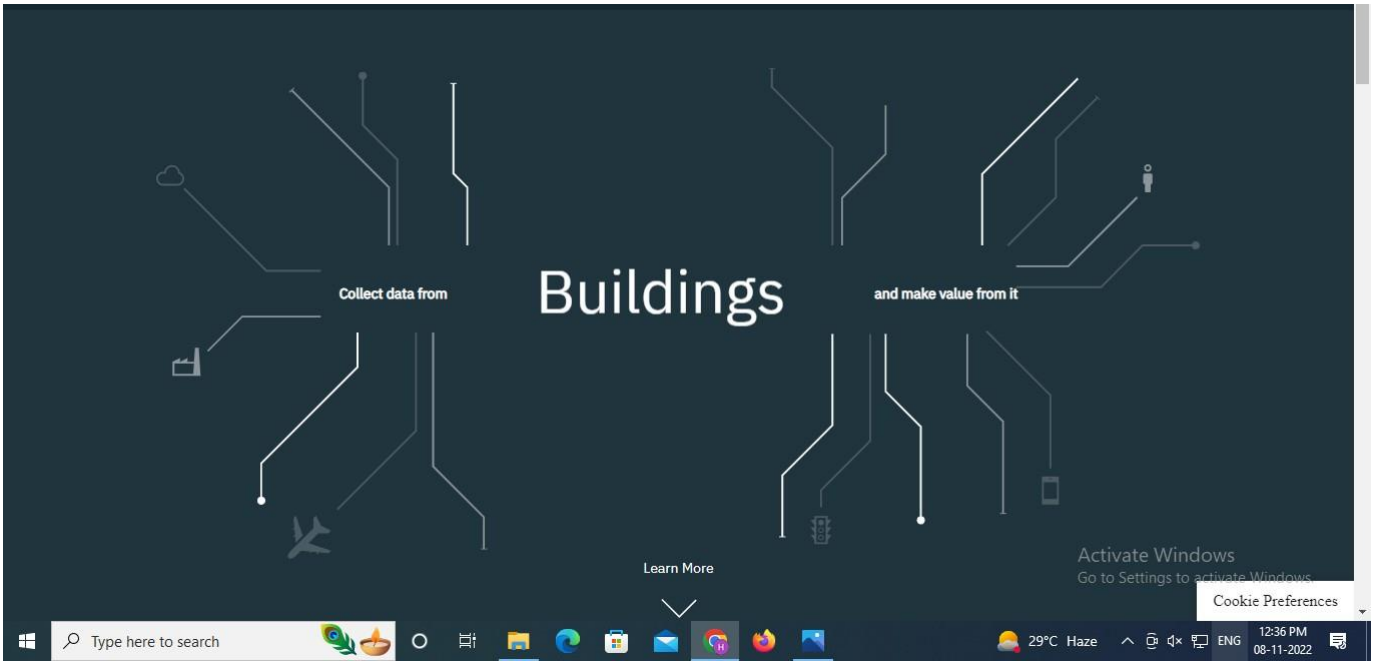
DEVELOP THE PYTHON SCRIPT(PUBLISH DATA TO IBM CLOUD)

Team ID	PNT2022TMID24427
Project Name	Industry-Specific Intelligent Fire Management System






Browse
Action
Device Types
Interfaces
Add Device
abcd
Disconnected
123
Device
Nov 3, 2022 12:13 PM
Identity
Device Information
Recent Events
State
Logs
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": "b9nin6",
   "typeId": "NodeMCU",
   "deviceId":"12345"},
   "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()
```