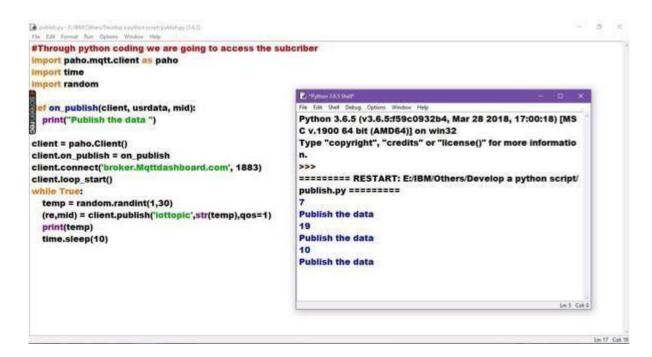
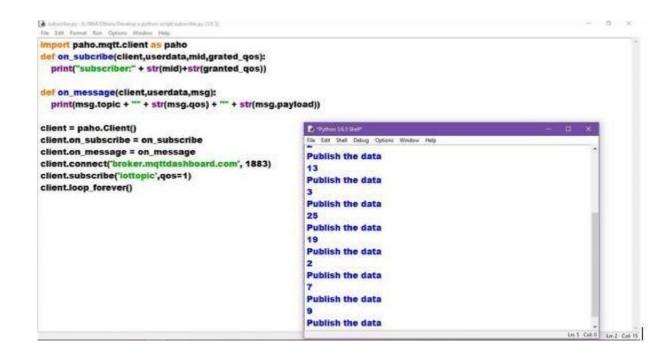
Develop the Python Script

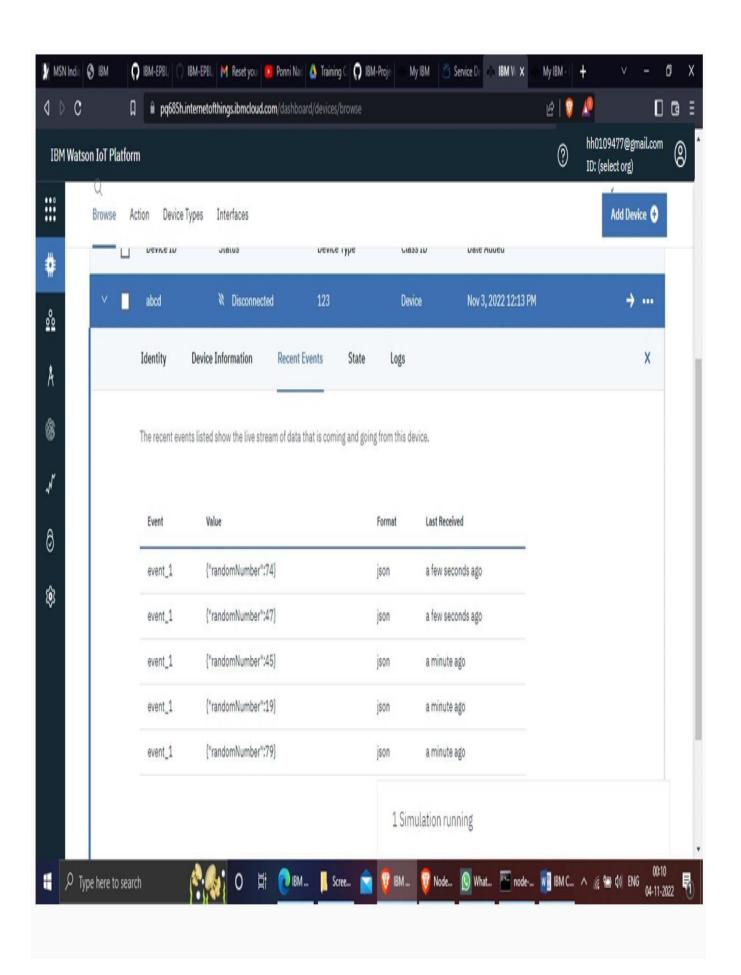
(Publish data to IBM cloud)

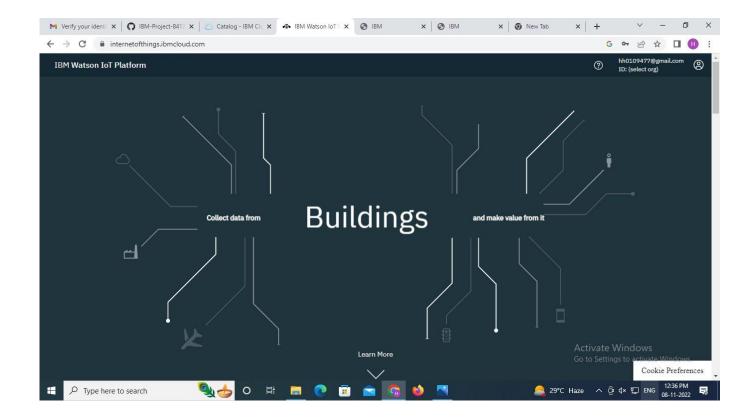
Date	08 November 2022
Team ID	PNT2022TMID17224
Project Name	Industry-specific intelligent fire management system

Industry-specific intelligent fire management system









Program:

```
#IBM Watson IOT Platform
       install
#pip
               wiotp-sdk
import
         wiotp.sdk.device
import
         time
                  import
random
myConfig = {"identity":
  "orgId": "hj5fmy",
  "typeId": "NodeMCU",
  "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()
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()
```