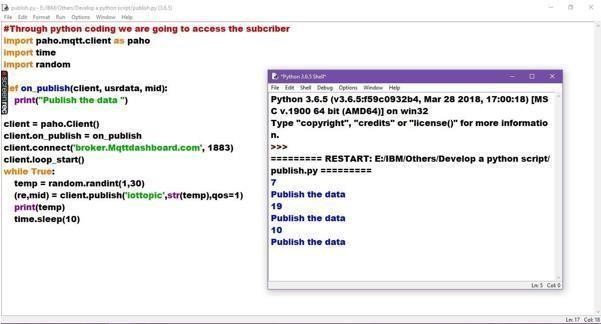
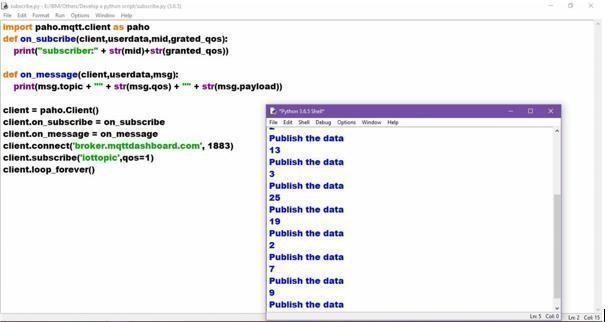
**Develop the Python Script**

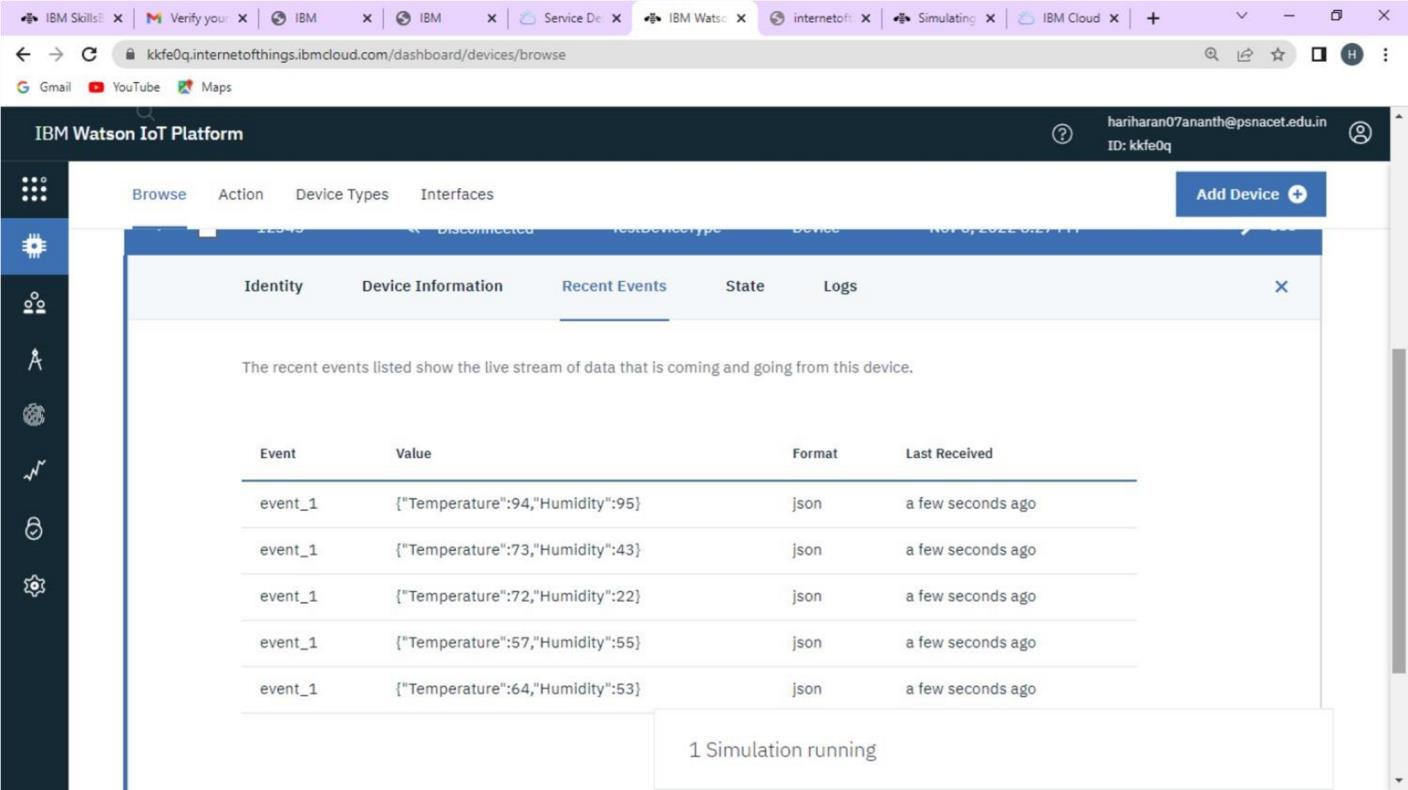
**(Publish data to IBM cloud)**

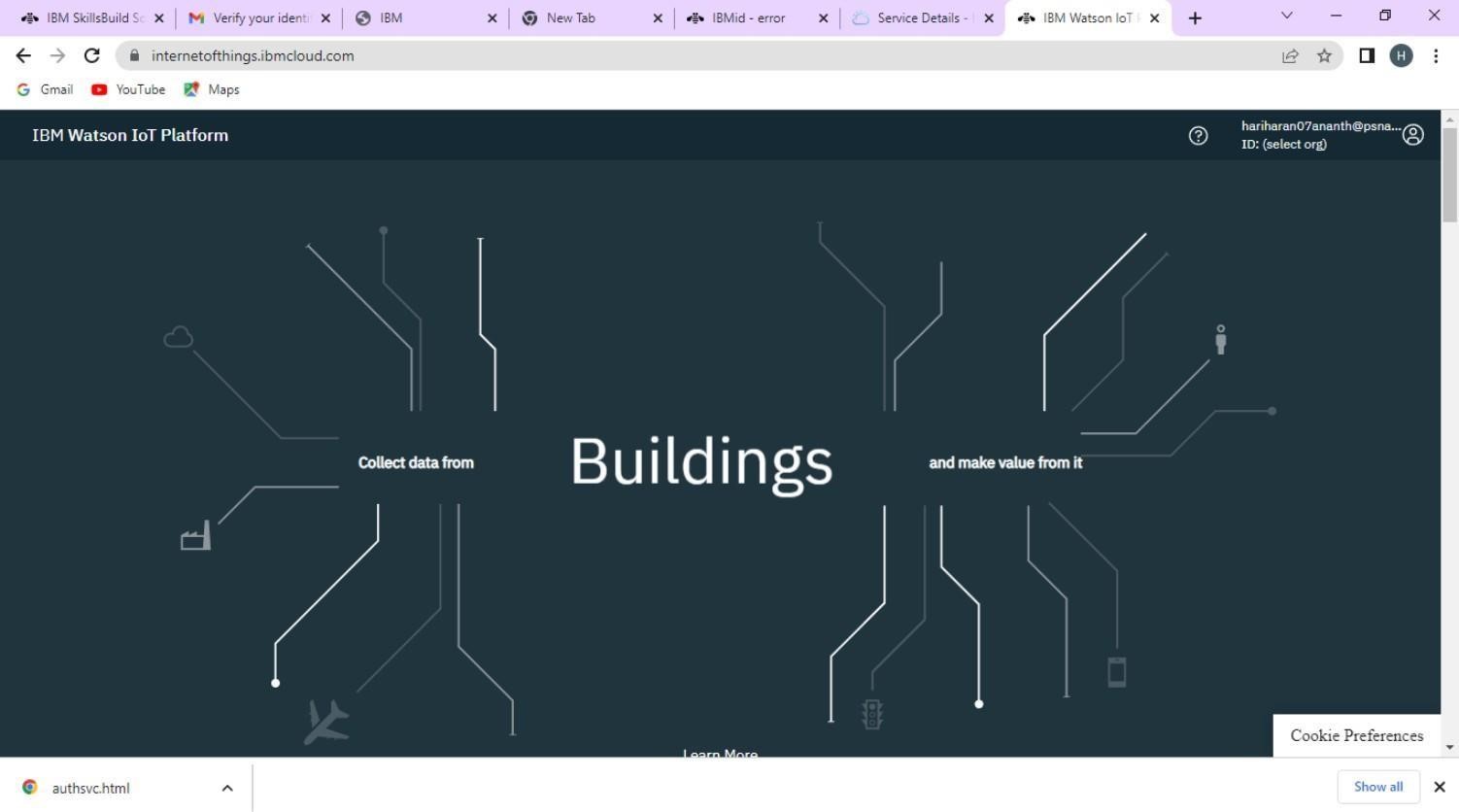
|  |  |
| --- | --- |
| Team ID | PNT2022TMID24238 |
| Project Name | Industry-specific intelligent fire management system |

**Industry-specific intelligent fire management system**









**Program :**

#IBM Watson IOT Platform #pip install 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()