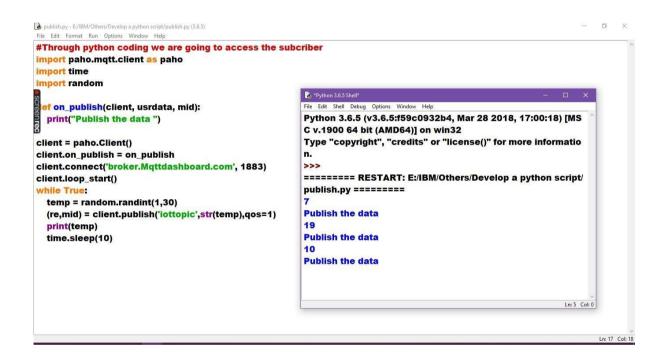
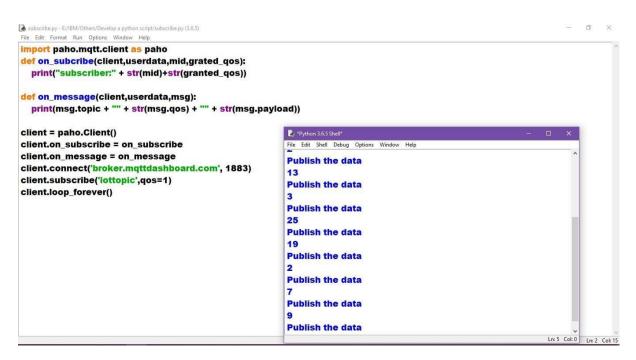
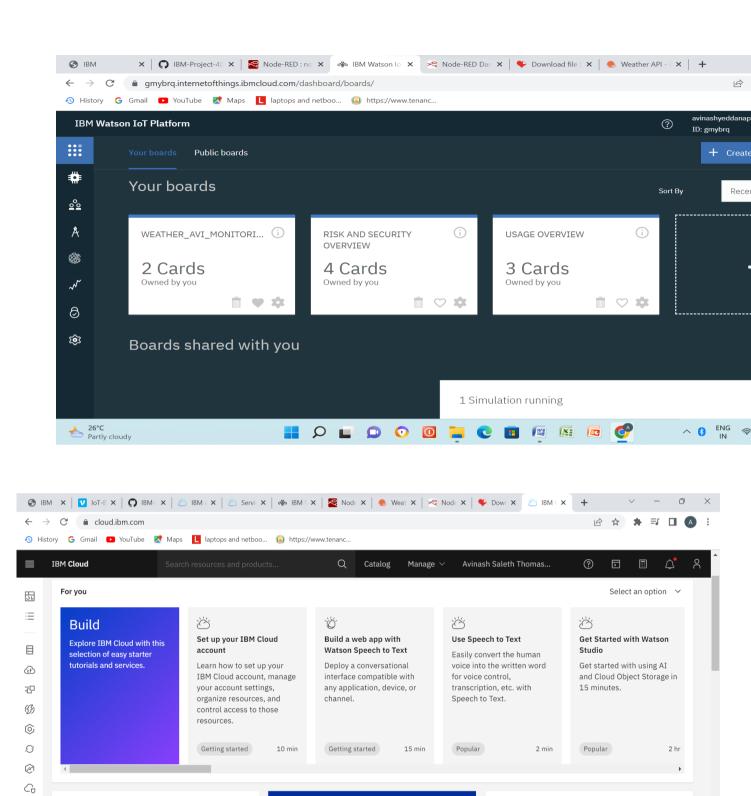
## PUBLISH DATA TO THE IBM CLOUD

<u>Date</u>	09 November 2022
<u>Team ID</u>	PNT2022TMID00948
Project Name	Signs with Smart Connectivity for Better Road Safety

## Signs with smart connectivity for Better road safety







View all

**Unified Key Orchestrator Now Supports Easy** 

Multicloud Key Management for Google KMS

TrustRadius Best Software: Five IBM Offerings to

User access

the invite user setup:

Enter email addresses below to jump directly into

vm

12

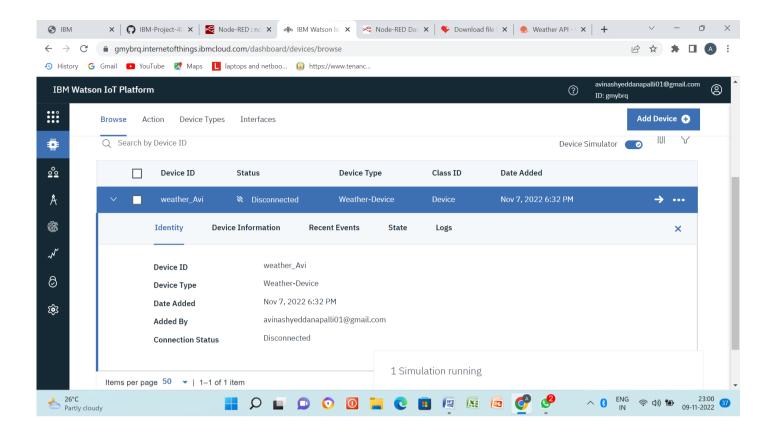
26°C

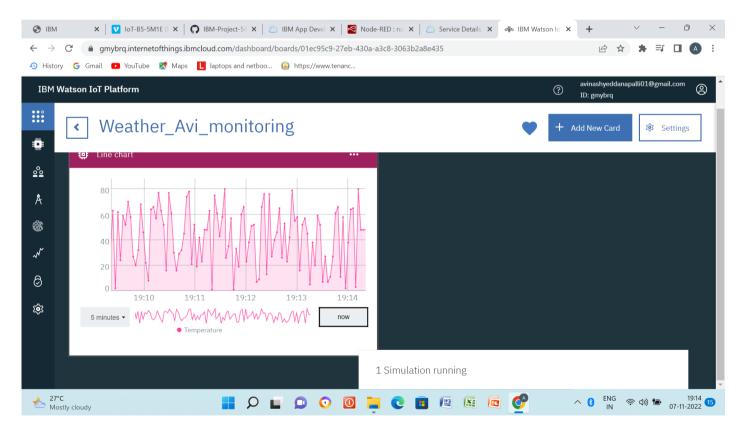
Manage users

Planned maintenance

View all

令 (4)) 
10
21:11
18
07-11-2022
18





## 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()
```