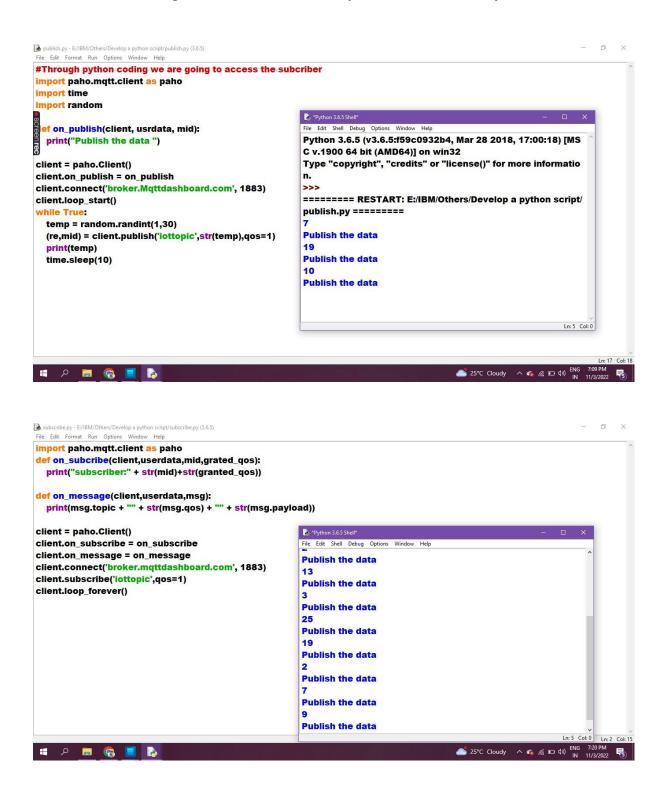
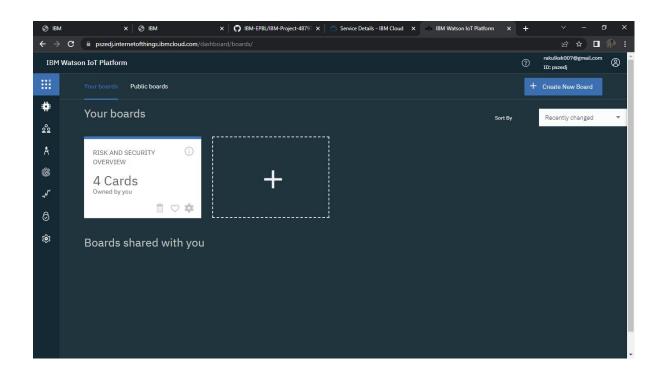
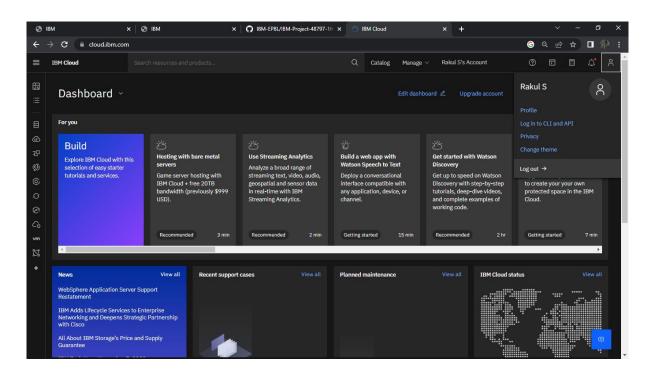
Develop a python script Publish Data to the IBM Cloud

Date	12 September 2022
Team ID	PNT2022TMID35120
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Signs with smart connectivity for Better road safety







Program:

#IBM Watson IOT Platform

#pip install wiotp-sdk

import wiotp.sdk.device

import time

import random

```
myConfig =
  { "identity": {
     "orgId": "dh6erm",
     "typeId": "NodeMCU",
    "deviceId":"09876" },
     "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()
```