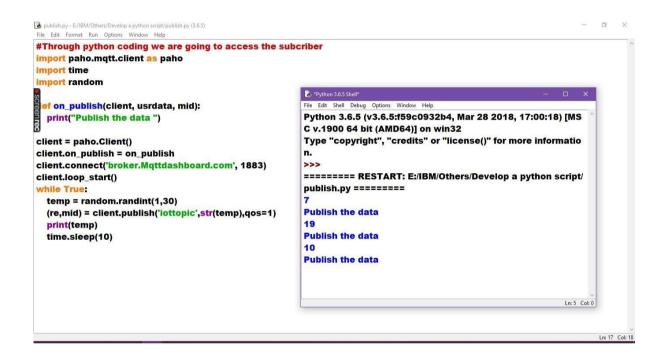
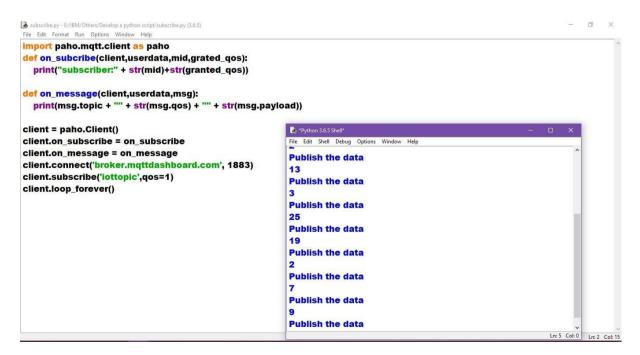
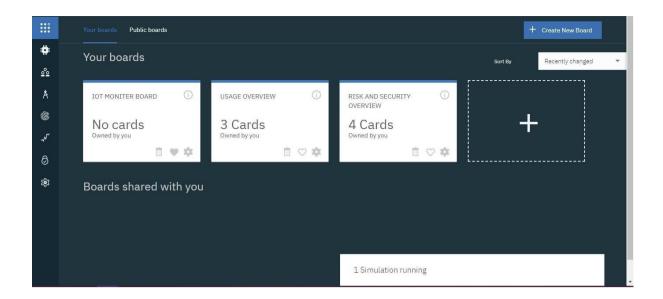
## Publish Data to the IBM Cloud

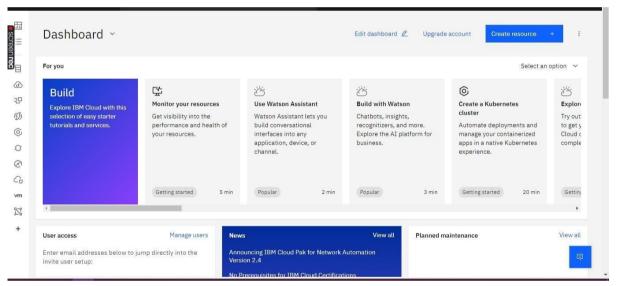
Date	7 November 2022
Team ID	PNT2022TMID22779
Project Name	Project – Signs with Smart Connectivity for Better Road Safety

## 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": "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()
```