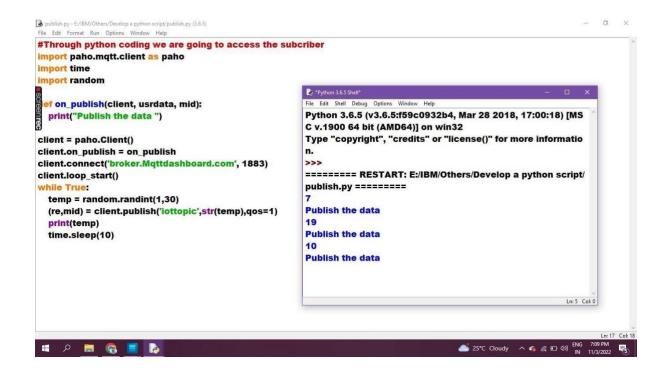
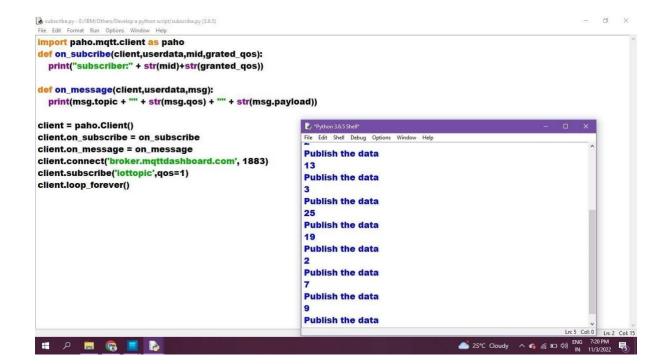
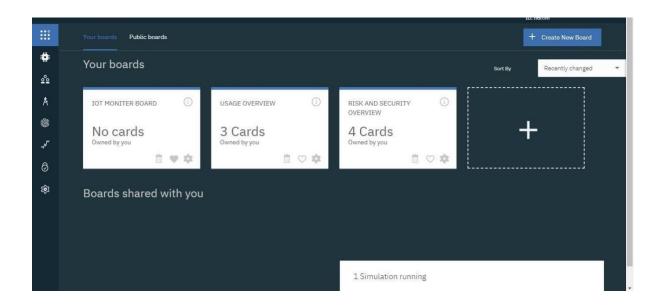
## Develop a python script Publish Data to the IBM Cloud

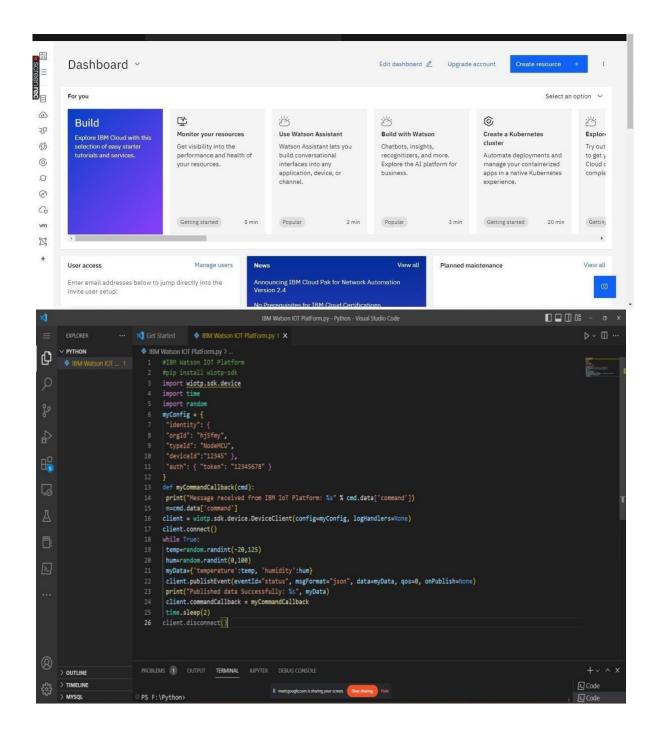
Date	13 November 2022
Team ID	PNT2022TMID47361
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

## Signs with smart connectivity for Better road safety









## **CODE:**

#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"]
wiotp.sdk.device.DeviceClient(con
fig=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=nyData, qos=0, onPublish=None)
print("Published data Successfully: %s", myData)
client.commandCallback = myCommandCallback
time.sleep(2) client.disconnect
```