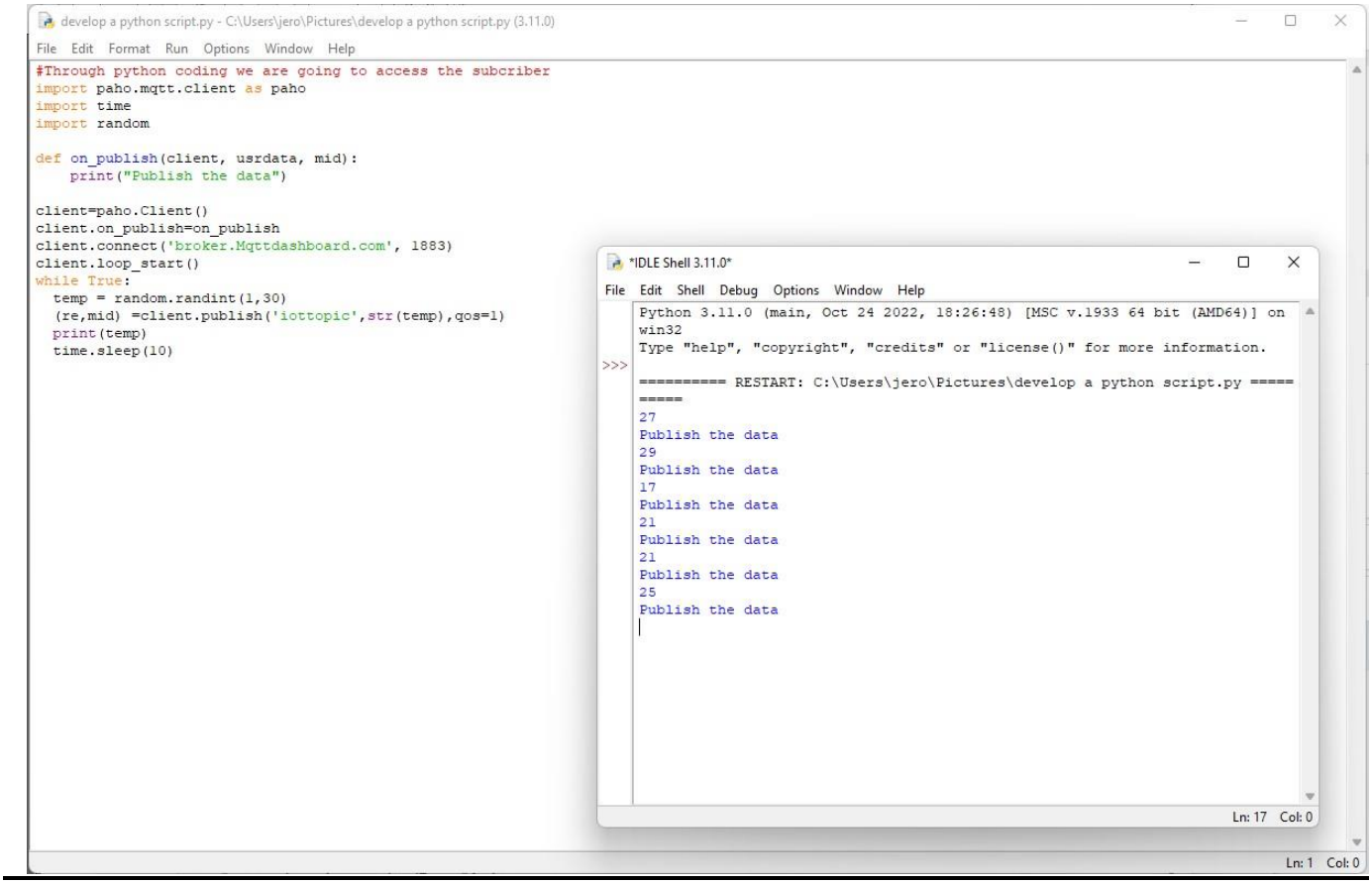
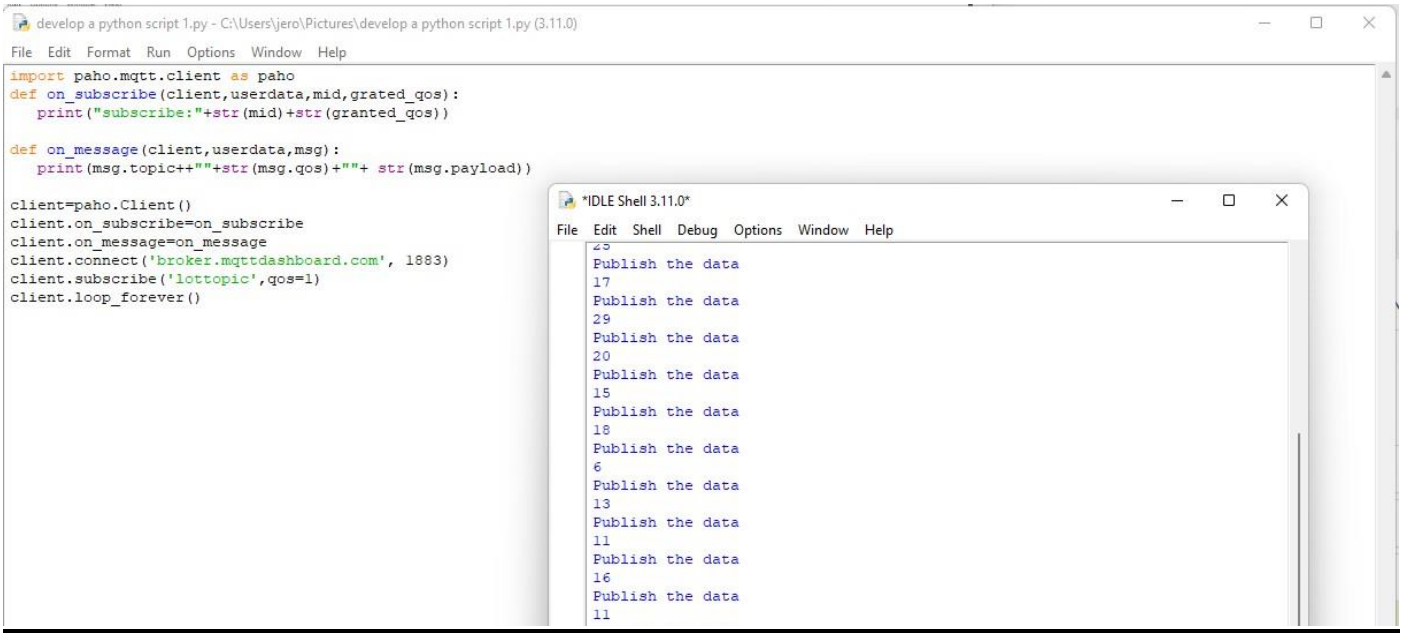
DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

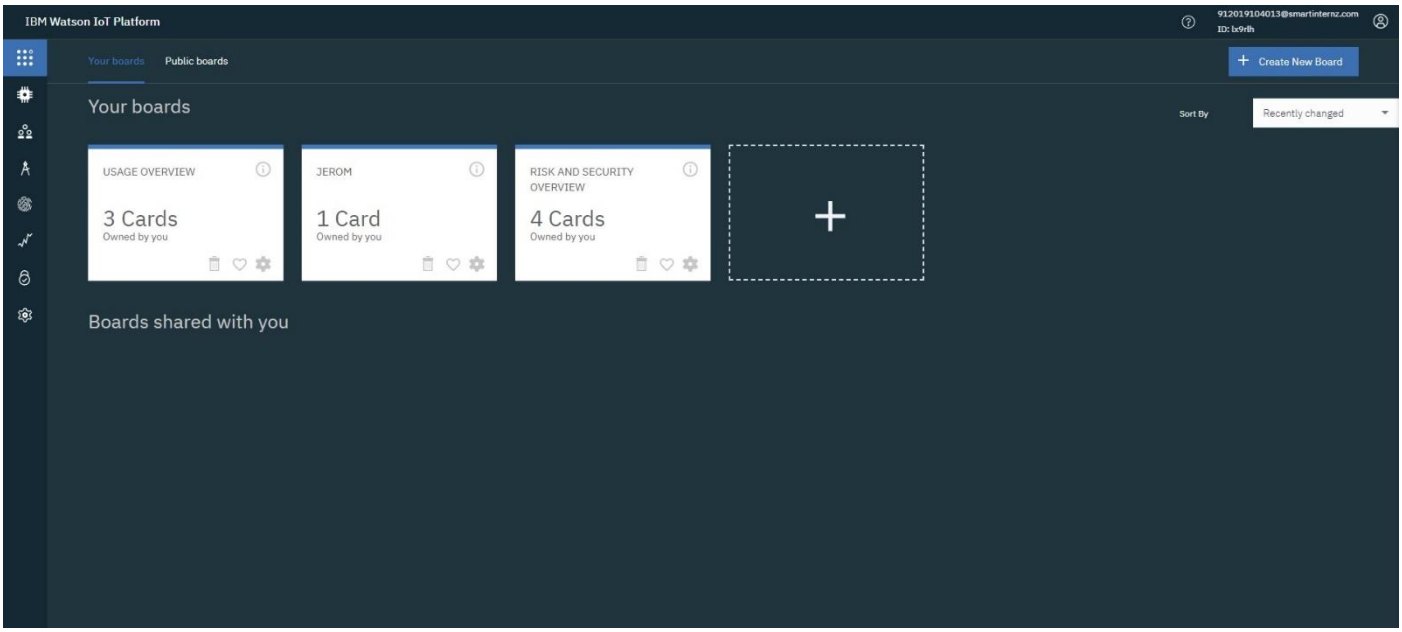
Publish Data To The IBM Cloud

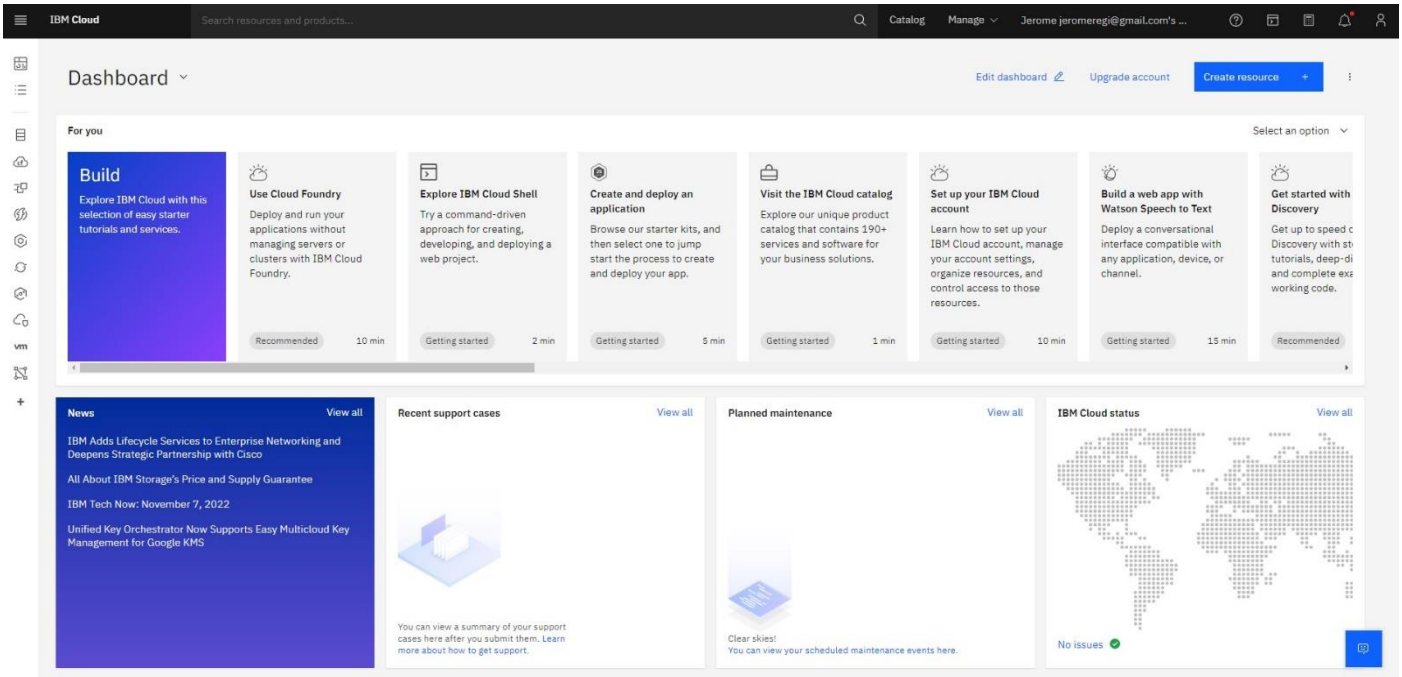
Date	31 October 2022
Team ID	PNT2022TMID47905
Project Name	SIGNS WITH SMART CONNECTIVITY FOR BETTER ROAD
Maximum Marks	4 Marks

Signs with smart connectivity for Better road safety






IBM Watson IoT Platform
Your boards
Public boards
Create New Board
Your boards
Sort By
Recently changed
USAGE OVERVIEW
3 Cards
Owned by you
JEROM
1 Card
Owned by you
RISK AND SECURITY OVERVIEW
4 Cards
Owned by you
Boards shared with you


IBM Cloud
Search resources and products...
Catalog
Manage
Dashboard
Edit dashboard
Upgrade account
Create resource
For you
Select an option
Build
Explore IBM Cloud with this selection of easy starter tutorials and services.
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Explore IBM Cloud Shell
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Visit the IBM Cloud catalog
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Build a web app with Watson Speech to Text
News
View all
IBM Adds Lifecycle Services to Enterprise Networking and Deepens Strategic Partnership with Cisco
All About IBM Storage's Price and Supply Guarantee
IBM Tech Now: November 7, 2022
Unified Key Orchestrator Now Supports Easy Multicloud Key Management for Google KMS
Recent support cases
Planned maintenance
IBM Cloud status
No issues

Program:

```
#IBM Watson IOT Platform #pip install wiotp-sdk import wiotp.sdk.device import time
import random
myConfig = {
  "identity": {
  "orgId":"lx9rlh",
  "typeId":"jerom",
  "deviceId":"1234" },
   "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()
```