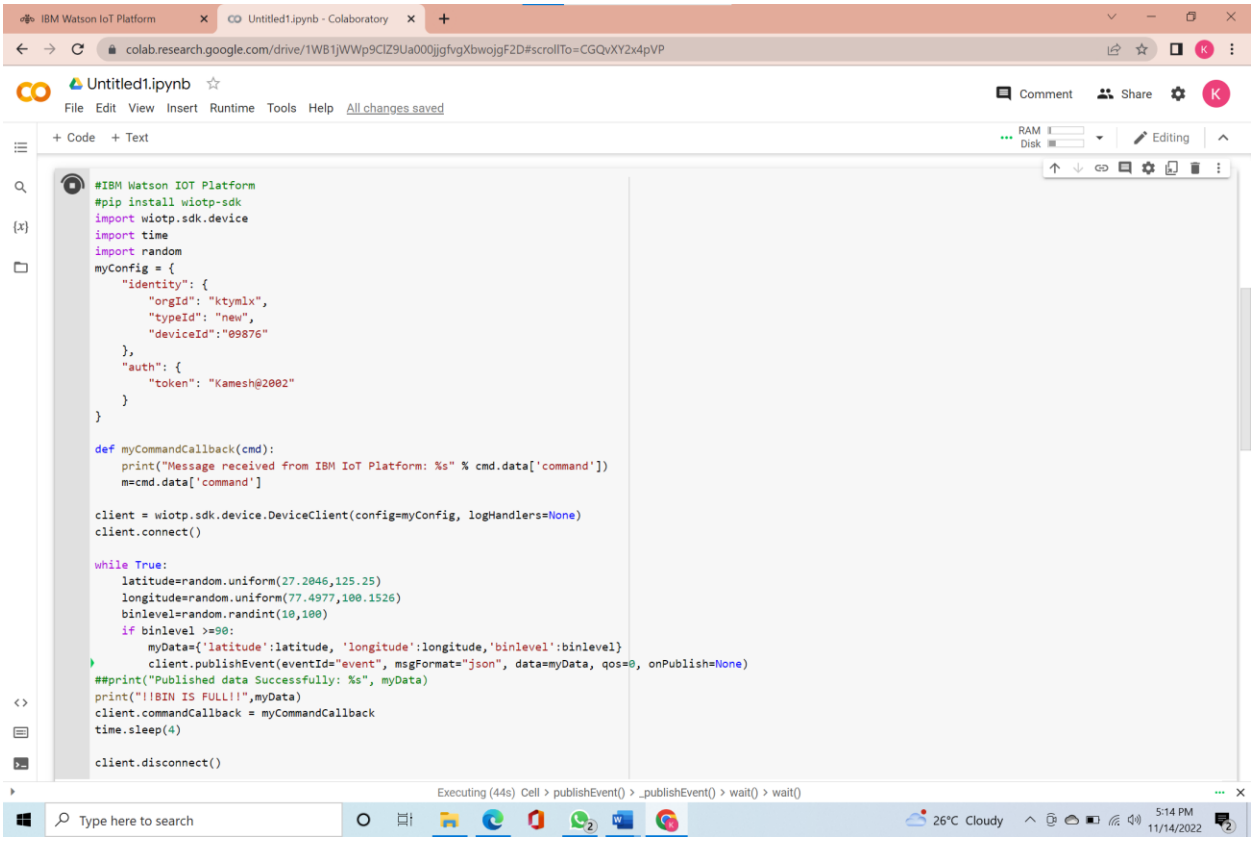
Python code



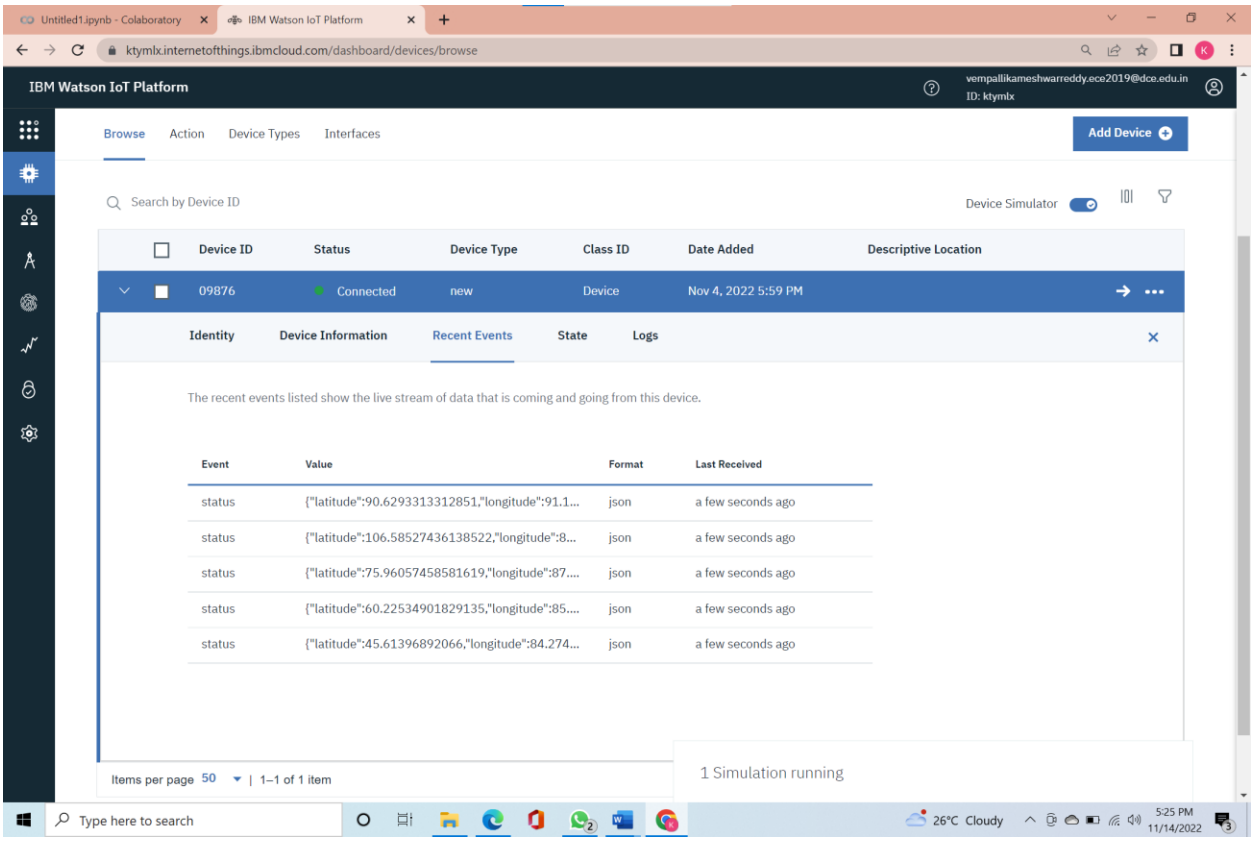
```
#IBM Watson IOT Platform
#pip install wiotp-sdk
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
        "orgId": "ktymlx",
        "typeId": "new",
        "deviceId":"09876"
    },
    "auth": {
        "token": "Kamesh@2002"
    }
}

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:
    latitude=random.uniform(27.2046,125.25)
    longitude=random.uniform(77.4977,100.1526)
    binlevel=random.randint(10,100)
    if binlevel >=90:
        myData={'latitude':latitude, 'longitude':longitude,'binlevel':binlevel}
        client.publishEvent(eventId="event", msgFormat="json", data=myData, qos=0, onPublish=None)
##print("Published data Successfully: %s", myData)
print("!!BIN IS FULL!!",myData)
client.commandCallback = myCommandCallback
time.sleep(4)

client.disconnect()
```


Untitled1.ipynb - Colaboratory
IBM Watson IoT Platform
ktymlx.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
vempallikameshwarreddy.ece2019@dce.edu.in
ID: ktymlx
Browse
Action
Device Types
Interfaces
Add Device
Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
09876
Connected
new
Device
Nov 4, 2022 5:59 PM
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
status
{"latitude":90.6293313312851,"longitude":91.1...
json
a few seconds ago
status
{"latitude":106.58527436138522,"longitude":8...
json
a few seconds ago
status
{"latitude":75.96057458581619,"longitude":87....
json
a few seconds ago
status
{"latitude":60.22534901829135,"longitude":85....
json
a few seconds ago
status
{"latitude":45.61396892066,"longitude":84.274...
json
a few seconds ago
Items per page 50
1–1 of 1 item
1 Simulation running
Type here to search
26°C Cloudy
5:25 PM
11/14/2022