DEVELOP THE PYTHON SCRIPT-DEVELOP THE PYTHON SCRIPT

```
import wiotp.sdk.device
import time
import random
myConfig = {
    "identity": {
    "orgId": "gagtey",
    "typeId":"GPS",
    "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()

def pub(data):
    client.publishEvent(eventId="status", msgFormat="json",data=mydata,qos=0, print("publishe
    data successfully:%s", mydata)
while True:
    mydata={'name':'Train1','lat':17.6387448,'lon': 78.4754336)
    pub(myData)
    time.sleep(3)  #mydata={'name':'Train2','lat':17.6387448,'lon':
    78.4754336)#pub(myData)
    #time.sleep(3) mydata={'name':'Train1','lat':17.6341908,'lon':
    78.4744722)pub(myData)
    time.sleep(3)  mydata={'name':'Train1','lat':17.6340889,'lon':
    78.4745052)pub(myData)
    time.sleep(3)  mydata={'name':'Train1','lat':17.6248626,'lon':
    78.4720259)pub(myData)
    time.sleep(3)  mydata={'name':'Train1','lat':17.6188577,'lon':
    78.4698726)pub(myData)
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    time.sleep(3)  mydata={'name':'Train1','lat':17.6132382,'lon':
    78.4707318)pub(myData)
    time.sleep(3)
    client.commandCallback=mycommanCallbak
client.disconnect()


import cv2
import numpy as np
import time
import pyzbar.pyzbar as puzbar
from ibmcloudant.cloudant_v1 import cloudantv1
from ibmcloudant import couchDbsessionAuthenticator
from ibm_cloud_sdk_core.Authenticators import BasicAuhtenticator

authenticator=BasicAuthenticator('apikey-v2-
16u3crmdpkghhxefdikvpssoh5fwezrmuup5fv5g3ubz','b0ab119f45d3e6255eabb978) service
=cloudantv1(authenticator=authenticator) service.set_service_url('https://apikey-v2-
16u3crmdpkghhxefdikvpssoh5fwezrmuup5fv5g3ubz:b0ab119f45d3e6255eabb978

cap = cv2.videoCapture(0)
font = cv2.FONT_HERSHEY_PLAIN

while True:
    _, frame = cap.read(0)
    decodeObjects = pyzbar.decode(frame)for
    obj in decodeObjects:
        #print("Data",obj.data)
        a=obj.data.decode('UTF-8')
        cv2.putText(frame,"Ticket",(50, 50),font, 2,
                    (255,0, 0), 3)
        #print(a)
         try:
             responce = service.get_document (
                 db='booking',
                 doc_id = a
                 ).get_result()
             print(response)
             time.sleep(5)
          except Exception as e: print
            ("Not valid Ticket")
            time.sleep(5)

    cap.imshow("Frame", frame)
    if cv2.waitKey{1} & 0XFF == ord('q'):
      break
```

```
cap.release()
cv2.destroyAllWindows()
client.disconnect()
```