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import pyrebase
import wiotp.sdk
import time
import random

d = 0

w = 0

def database(d,w,m,load,distance,lat = 10.939091,long= 78.135731):
#Initialize Firebase

firebaseConfig={
    "apiKey": "AlzaSyB9ysbnaWc3IyeCioh-aJQT_UCMd5CBFeU",
    "authDomain": "fir-test-923b4.firebaseio.com",
    "databaseURL": "https://fir-test-923b4-default-rtdb.firebaseio.com",
    "projectId": "fir-test-923b4",
    "storageBucket": "fir-test-923b4.appspot.com",
    "messagingSenderId": "943542145393",
    "appId": "1:943542145393:web:9b5ec7593e6a3cbd7966d0",
    "measurementId": "G-BN7JNX1Q7B"
}

firebase=pyrebase.initialize_app(firebaseConfig)

db=firebase.database()

# #Push Data
data={"level":str(d)+"cm",
    "alert":m,
    "weight":str(w)+"g",
    "latitude":lat,

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        "longitude":long,
        "distance_status":distance,
        "load_status":load}
# print(db.push(data))

# update data base

db.child("-NEkRRkKsX7yVcqy_rK4").update(data)

myConfig = {
    "identity": {
        "orgId": "4yi0vc",
        "typeId": "smartwaste123",
        "deviceId":"70103"
    },
    "auth": {
        "token": "123456789"
    }
}

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()
client.publishEvent(eventId="status", msgFormat="json", data=data, qos=0, onPublish=None)

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