

NALAIYA THIRAN
PROJECT DEVELOPMENT PHASE
SPRINT 3

PYTHON CODE FOR MEDICINE AND TIME:

```
import json
import wiotp.sdk.device
import time
import random

myConfig = {
    "identity": {
        "orgId": "3eqctu",
        "typeId": "medicine",
        "deviceId": "0002"
    },
    "auth": {
        "token": "123456789"
    }
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()

for i in range(0,20):
    tablet=["Paracetamol","Aspirine","Azithral","Asthalin","Sinarest"]
    medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]
    name = "ALEXA"
    medicine=random.choice(tablet)
    medicinetime=random.choice(medicinetime)
    mydata = {'Patient Name': name, 'Medicine Name': medicine, 'Time': medicinetime}
    client.publishEvent("IoTSensor", "json", data=mydata, qos=0, onPublish=None)
    print("Data published to IBM IOT platform :", mydata)
    time.sleep(5)
client.sconnect()
```

Node.js x Node.js x IBM x Wsket x Getti x MIT x Desi x App x pura x New x IBM x New x Servi x IBM x +

https://3eqctu.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

1914014@saec.ac.in
ID: 3eqctu


Browse


Action


Device Types

Interfaces

Add Device +

> ☐ 0002  Disconnected Nodered Device Nov 17, 2022 8:20 PM

> ☐ 1234  Disconnected NodeMCU Device Nov 13, 2022 8:33 PM

☒ Nodered_1  Connected Nodered Device Nov 17, 2022 8:42 PM

Identity

Device Information

Recent Events

State

Logs

Showing Raw Data | No Interfaces Available

Property	Value	Type	Event	Last Received
NAME	ALEXA	String	event_1	a few seconds ago
MEDICINE NAME	PARACETAMOL	String	event_1	a few seconds ago

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1 Simulation running