SPRINT-4

DATE	18 NOVEMBER 2022
TEAM ID	PNT2022TMID13442
PROJECT NAME	PROJECT-PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF-RELIANT
MAXIMUM MARKS	20 MARKS

NODE RED:

Medicine

Medicine Reminder

Enter the Medicine *
parectamol

Time(HH:MM)24Hrs *
12:30

Date(DD-MM-YYYY) *
19-11-2022

SUBMIT   CANCEL

medicine-reminder

All Documents
Query
Permissions
Changes
Design Documents

Document ID   Options   { } JSON

Table | Metadata | { } JSON

Create Document

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☐	3b9bb0b473299448bef272a40319f79f	3b9bb0b473299448bef272a40319f79f	{ "rev": "1-568d5b26235f716300b3896bdf16...
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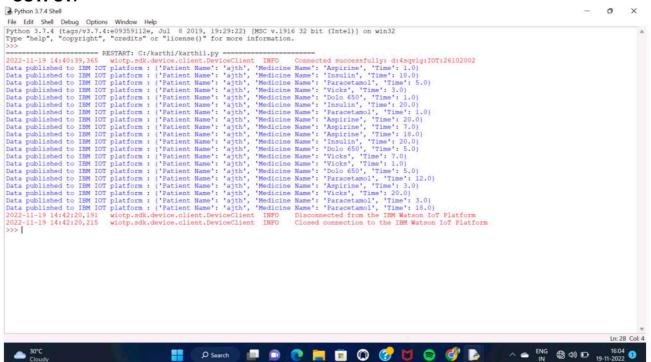Showing document 1 - 8.   Documents per page: 20   < >

Log Out

1.PYTHON CODE FOR RANDOM MEDICINE AND TIME GENERATING:

```python
import json
import wiotp.sdk.device
import time
import random
myConfig = {
"identity": {
"orgId": "4sqv1g",
"typeId": "IOT",
"deviceId": "26102002"
},
"auth": {
"token": "621319106034"
}
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
for i in range(0,20):
 tablet=["Paracetamol","Aspirine","Dolo 650","Insulin","Vicks"]
 medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]
 name = "ajth"
 medicine=random.choice(tablet)
 medicinetime=random.choice(medicinetime)
 mydata = {'Patient Name': name, 'Medicine Name': medicine, 'Time': medicinetime}
 client.publishEvent("MEDICINE REMINDER", "json", data=mydata, qos=0, onPublish=None)
 print("Data published to IBM IOT platform :", mydata)
 time.sleep(5)
client.disconnect()
```

PYTHON CODE IN PYTHON 3.7:

```python
import json
import wiotp.sdk.device
import time
import random
myConfig = {
 "identity": {
 "orgId": "4sqvlg",
 "typeId": "IOT",
 "deviceId": "26102002"
 },
 "auth": {
 "token": "621319106034"
 }
}
client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
for i in range(0,20):
 tablet=["Paracetamol","Aspirine","Dolo 650","Insulin","Vicks"]
 medicinetime=[12.00,1.00,2.00,3.00,5.00,18.00,20.00,7.00]
 name = "ajth"
 medicine=random.choice(tablet)
 medicinetime=random.choice(medicinetime)
 mydata = {'Patient Name': name, 'Medicine Name': medicine, 'Time': medicinetime}
 client.publishEvent("MEDICINE REMINDER", "json", data=mydata, qos=0, onPublish=None)
 print("Data published to IBM IOT platform :", mydata)
 time.sleep(5)
client.disconnect()
```

OUTPUT:

```
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul  8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===================== RESTART: C:/karthi/karthi1.py =====================
2022-11-19 14:40:39,365   wiotp.sdk.device.client.DeviceClient  INFO   Connected successfully: d:4sqvlg:IOT:26102002
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 1.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Insulin', 'Time': 18.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 5.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Vicks', 'Time': 3.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Dolo 650', 'Time': 1.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Insulin', 'Time': 20.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 1.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 20.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 7.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 18.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Insulin', 'Time': 20.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Dolo 650', 'Time': 5.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Vicks', 'Time': 7.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Vicks', 'Time': 1.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Dolo 650', 'Time': 5.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 12.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Aspirine', 'Time': 3.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Vicks', 'Time': 20.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 3.0}
Data published to IBM IOT platform : {'Patient Name': 'ajth', 'Medicine Name': 'Paracetamol', 'Time': 18.0}
2022-11-19 14:42:20,191   wiotp.sdk.device.client.DeviceClient  INFO   Disconnected from the IBM Watson IoT Platform
2022-11-19 14:42:20,215   wiotp.sdk.device.client.DeviceClient  INFO   Closed connection to the IBM Watson IoT Platform
>>>
```

OUTPUT IN IBM WATSON IoT PLATFORM: