DEVELOP A PYTHON SCRIPT

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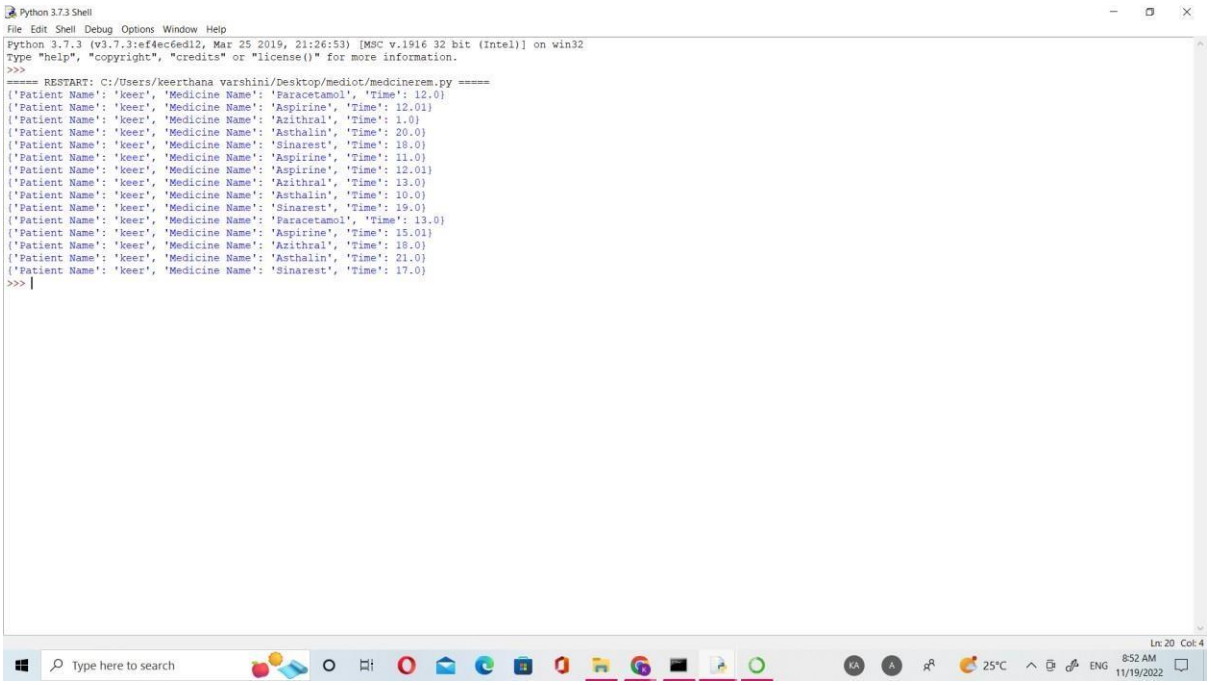
PROJECT NAME: PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

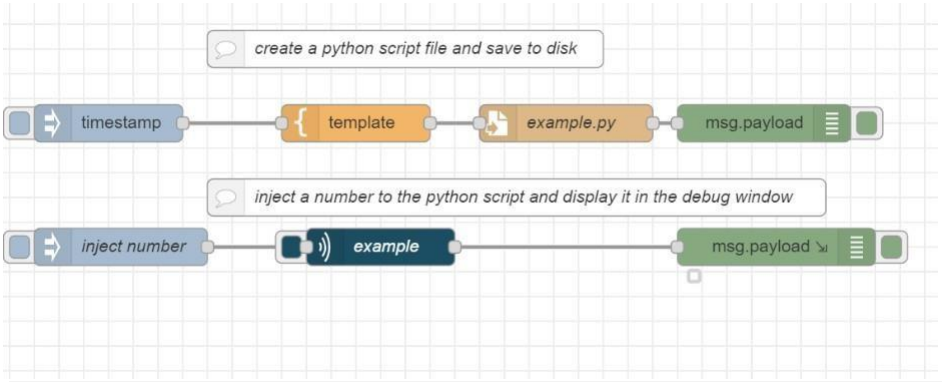
CODE:

```
import json import
wiotp.sdk.device
import time import
random myConfig = {
"identity": {
"orgId": "12345",
"typeId": "Iotsensors",
"deviceId": "qnw79l"
},
"auth": {
"token": "Anandh@1973"
}
}
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 = "keer"
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.disconnect()
```

OUTPUT:



PYTHON SCRIPT IN NODE RED:



Cancel Done

```python
import sys

def absolute_value(num):
    """This function returns the absolute
    value of the entered number"""

    if num >= 0:
        return num
    else:
        return -num

# Output: 2
#print(absolute_value(2))

while True:
    num = sys.stdin.readline() # read the stdin from the inject node
    num = int(num)
    print(absolute_value(num))
```

IN PYTHON SCRIPT: